

20000908.qrp v01\_n938.qrl.20000908

Date: Fri, 8 Sep 2000 19:03:09 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1938

### QRP-L Digest 1938

Topics covered in this issue include:

- 1) [79007] ANTENNA: A 20M End-Fed Halfwave Antenna Coupler / SWR Bridge  
by Steve Yates <aa5tb@yahoo.com>
- 2) [79008] Re: HB - regens  
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 3) [79009] Re: QRPers in NE TX  
by "Don Wines" <dwines@tyler.net>
- 4) [79010] Re: LED tipped pen, or lighted pen  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 5) [79011] Please remove my name  
by "Robert Usher" <ushers@erols.com>
- 6) [79012] KUDOS to LDG on the repair of my AT-11  
by Jeff <fantbb@yahoo.com>
- 7) [79013] Re: OT: Amateur Astronomy  
by Tom Isgro <k8cz@concentric.net>
- 8) [79014] "To sweat or not to....."  
by Bruce Ratray <ratray@gpfn.sk.ca>
- 9) [79015] Re: "To sweat or not to....."  
by Jeff Francis <jfrancis@frie.com>
- 10) [79016] FOX - Winter Hunt Teams -  
by Bruce Ratray <ratray@gpfn.sk.ca>
- 11) [79017] FOX - Winter Hunt Teams -  
by Bruce Ratray <ratray@gpfn.sk.ca>
- 12) [79018] Chemical Lights  
by ARDUJENSKI@aol.com
- 13) [79019] Earbuds  
by Lew Paceley <lew@paceley.com>
- 14) [79020] Re: Determining Tree Height  
by "ptaber" <ptaber@flash.net>
- 15) [79021] to Norway QRP  
by jmbrown@edge.net (JERRY BROWN)
- 16) [79022] Re: Using a TS450S at QRP levels  
by "Mike" <steam@corecomm.net>
- 17) [79023] End Fire Connection point question  
by Levent Sasmazel <levent@netlabs.net>
- 18) [79024] Re: "To sweat or not to....."  
by "Karl F. Larsen" <k5di@zianet.com>
- 19) [79025] RE: Stupid question...

by "ptaber" <ptaber@flash.net>  
20) [79026] Re: "To sweat or not to....."  
by "ptaber" <ptaber@flash.net>  
21) [79027] WA4KEJ, SK  
by K4ZM@aol.com  
22) [79028] Re: OT: Amatuer Astronomy  
by "ptaber" <ptaber@flash.net>  
23) [79029] Re: LED tipped pen, or lighted pen  
by Randy & Cara Randall <crrandal@seidata.com>  
24) [79030] Re: QRP AFIELD Planning - lit pencils  
by Mark Sailer <msailer@buoy.com>  
25) [79031] WA4KEJ,SK  
by "Dan Trigilio" <danjt@cruzio.com>  
26) [79032] Re: Stupid question...  
by "Mike Yetsko" <myetsko@insydesw.com>  
27) [79033] Success!!!  
by neil tanner <ntan@crosslink.net>  
28) [79034] Re: OT: Amatuer Astronomy  
by "John Moriarity" <k6qq@hdo.net>  
29) [79035] Re: Balanced Tuners  
by Randy Prakken <rlp@swiftview.com>  
30) [79036] Re: "To sweat or not to....."  
by "John Moriarity" <k6qq@hdo.net>  
31) [79037] Re: End Fire Connection point question  
by Bob Nielsen <nielsen@oz.net>  
32) [79038] Re: OT: Amatuer Astronomy  
by Tom Isgro <k8cz@concentric.net>  
33) [79039] WTB: DSW-40 Radio  
by Mark Sailer <msailer@buoy.com>  
34) [79040] SMK-1 Enclosure kits  
by "Glenn Maclean" <glennmaclean@ix.netcom.com>  
35) [79041] Re: QRP AFIELD Planning - lit pencils  
by Jeff <fantbb@yahoo.com>  
36) [79042] FS - Keyer and Audio Filter  
by Larry East <w1hue@amsat.org>  
37) [79043] Re: "To sweat or not to....."  
by "Marshall Emm" <mgemm@mtechnologies.com>  
38) [79044] COLORADO QRP CLUB MEETING This Saturday  
by "AB0CD" <ab0cd@uswest.net>  
39) [79045] Re: SMK-1 Enclosure kits  
by "Steve Sorrell" <ap036@detroit.freenet.org>  
40) [79046] Re: Stupid question...  
by Michael Neverdosky <mneverdosky@earthlink.net>  
41) [79047] Re: "To sweat or not to....."  
by "KG4HMN" <kg4hmn@arrl.net>  
42) [79048] CLUB: NOVA QRP to meet September 9  
by Wb4jjj@aol.com  
43) [79049] Re: "To sweat or not to....."

by "Mike Yetsko" <myetsko@insydesw.com>  
44) [79050] Re: HB - regens  
by "Dan W. Dooley" <dandooley@pipeline.com>  
45) [79051] RE: "To sweat or not to....."  
by Vic Winton <Vic.Winton@trafford-press.com>  
46) [79052] Re: "To sweat or not to....."  
by "Mike Yetsko" <myetsko@insydesw.com>  
47) [79053] Re: HB - regens  
by David Hinerman <dlh1009@ritvax.isc.rit.edu>  
48) [79054] Re: LED tipped pen, or lighted pen  
by "Randy Randall" <RANDALLR@Healthall.com>  
49) [79055] SMK-1 Enclosure shipping status  
by "George Heron N2APB" <n2apb@erols.com>  
50) [79056] RE: End Fire Connection point question  
by "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>  
51) [79057] antenna discovery  
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>  
52) [79058] RS freq meter  
by Robert McAtee <w5tnj@camalott.com>  
53) [79059] Radio & Re: OT: Amatuer Astronomy  
by John R Kirby <n3aaz-qrp@juno.com>  
54) [79060] Summer Hunt web page  
by "Karl F. Larsen" <k5di@zianet.com>  
55) [79061] Re: R-7000 Vertical or Dipole  
by Bill Coleman AA4LR <aa4lr@radio.org>  
56) [79062] PSK-20 Comments (Fun Radio)  
by ABCQRP <w6abc@yahoo.com>  
57) [79063] Re: PSK-20 Comments (Fun Radio)  
by "Dave Benson" <nn1g@earthlink.net>  
58) [79064] Re: "To sweat or not to....."  
by Vance Huntsinger <vhuntsinger@iwiw.net>  
59) [79065] PSK-20 Forgot to sign my posting!  
by ABCQRP <w6abc@yahoo.com>  
60) [79066] PSK-31  
by "Bruce & Tosh Hopkins" <makai@grouper.batelnet.bs>  
61) [79067] RE: "To sweat or not to....."  
by "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>  
62) [79068] Re: PSK-20 Comments (Fun Radio)  
by Richard Matthews <prm@hiwaay.net>  
63) [79069] RE: "To sweat or not to....."  
by Radman <radman@best.com>  
64) [79070] Special station K6F  
by BruceAA5B@aol.com  
65) [79071] RS Small Communications Speaker  
by ABCQRP <w6abc@yahoo.com>  
66) [79072] CQC Meeting and 2nd Run for Trees Tomorrow  
by "Marshall Emm" <mgemm@mtechnologies.com>  
67) [79073] Re: "To sweat or not to....."

by Monte Stark <ku7y@dri.edu>  
68) [79074] Running the TS-450S at QRP levels  
by "Mike Czuhajewski" <wa8mcq@erols.com>  
69) [79075] Re: "To sweat or not to....."  
by Bill Jones <kd7s@psnw.com>  
70) [79076] Re: Running the TS-450S at QRP levels  
by Bob Nielsen <nielsen@oz.net>  
71) [79077] OT: Flying Pigs Newsletter  
by Shepherd@aol.com  
72) [79078] Re: "To sweat or not to....."  
by "John Moriarity" <k6qq@hdo.net>  
73) [79079] Re: "To sweat or not to....."  
by "Arthur G. Silvers" <ags@ieee.org>  
74) [79080] PSK-20 Man Ptt or Dox  
by dave\_epps@juno.com  
75) [79081] FOX from Celticon  
by "John J. McDonough" <wb8rcr@arrl.net>  
76) [79082] Re: "To sweat or not to....."  
by "Mike Yetsko" <myetsko@insydesw.com>  
77) [79083] FS: 100-MHz HP 1740 "Single Trace" Scope..  
by "Phinizy, William" <wphinizy@filenet.com>  
78) [79084] QST Mar 1948 circuit?  
by "Harley L. Miller" <hmliller@sound.net>  
79) [79085] Withdrawal  
by Bob Hightower <nk7m@extremezone.com>  
80) [79086] N2CQ in VA on AT  
by "Ron Polityka" <wb3aal@fast.net>  
81) [79087] FS: 100-MHz HP 1740 "Single Trace" Scope..spoken for.  
by "Phinizy, William" <wphinizy@filenet.com>  
82) [79088] AT Activation - PA/MD Border (Take 2)  
by Craig LaBarge <LaBarge\_C@compuserve.com>  
83) [79089] Re: LED tipped pen, or lighted pen  
by "Nick Yokanovich" <k3ny@toad.net>  
84) [79090] Re: OT: Amateur Astronomy  
by wb2vuo@juno.com  
85) [79091] Re: LED Tipped pend, etc.  
by "Joe Everhart" <n2cx@voicenet.com>

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Date: Thu, 7 Sep 2000 16:05:27 -0700 (PDT)  
From: Steve Yates <aa5tb@yahoo.com>  
To: QRP-L Distribute <qrp-l@Lehigh.EDU>  
Subject: [79007] ANTENNA: A 20M End-Fed Halfwave Antenna Coupler / SWR Bridge  
Message-ID: <20000907230527.17430.qmail@web3001.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I have created a page on the Web describing my latest end-fed halfwave antenna coupler just in time for QRP Afield. This was the first time that I had used a polyvaricon in a transmitting application and it works great. Thanks to all who had answered my questions regarding the prospects for using such capacitors in transmit applications several months ago.

You can see the details at the following URL:

<http://www.geocities.com/aa5tb/coupler.html>

=====

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://www.geocities.com/aa5tb>

[aa5tb@arrl.net](mailto:aa5tb@arrl.net)

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Do You Yahoo!?

Yahoo! Mail - Free email you can access from anywhere!

<http://mail.yahoo.com/>  
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Date: Thu, 7 Sep 2000 17:56:36 -0500

From: "Cla KA0GKC" <[ka0gkc@arrl.net](mailto:ka0gkc@arrl.net)>

To: "QRP-1" <[qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)>

Subject: [79008] Re: HB - regens

Message-ID: <05e201c01920\$1bef7660\$0200000a@mcg.net>

Jim N5IB emailed me and remembered an article in QST that used a crystal for a W1AW receiver, he didn't remember exactly when it was. A search at ARRL.ORG found this article, "An Ultra Simple W1AW Receiver, QST May 1997 page 34. Guess who's the author? Charles Kitchin N1TEV of course. guru of the regen!

It's a really neat circuit. The coil is still there but doubles as the choke as well as the cap but it's a simple fixed one. They're only for the feedback and not very frequency dependent, just has to be close to work. Very interesting circuit to. Might have to build this one. Oh no! Another project for the list!

73 de Cla KA0GKC

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Date: Thu, 7 Sep 2000 18:28:49 -0500  
From: "Don Wines" <dwines@tyler.net>  
To: <w5usj@globeco.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [79009] Re: QRPers in NE TX  
Message-ID: <003c01c01923\$7a74d240\$089286d0@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Chuck,

Sure would like that! I'm located just outside of Lindale, TX about 45 miles from you. About as far SE of you as George, W5YR, is West of you. I'd enjoy meeting you and anyone else in the area.

72/73  
Don, K5DW  
QRP-L #2083  
k5dw@arrl.net or  
dwines@tyler.net

-----  
Date: Thu, 7 Sep 2000 19:19:42 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <qrp-l@Lehigh.EDU>  
Subject: [79010] Re: LED tipped pen, or lighted pen  
Message-ID: <013401c0192a\$7c2f4f50\$5ac07481@rohredt2000>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

I sent Joe a reply, but maybe there is real interest out there. These pens are commonly available from Fire and Police supplies stores. There are local ones that sometimes want you to have a badge to enter, for they sell stuff like tear gas and larger pistol clips. But, there are Fire and Safety

supply companies on the web that will gladly take your money for a pen.

Just search for fire dept. supplies, or badges, or such public safety gear related keywords from <google.com>. I have not bookmarked any, for I got my pen like this when my son entered the Police Dept. and we went to outfit him at the local police supply house. But, I have seen them in catalogs down at the volunteer fire dept. They are not cheap, seems mine cost about \$15 in TX.

Don't know what the catalog stores might charge. Another place to check as someone said is telescope supply houses. Another might be larger camping gear stores. Another idea is to go to a large newstand and look for "Firehouse" magazine. I used to get that and there were ads from such supply places in there.

GL and 72,  
Stuart K5KVH

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Date: Thu, 7 Sep 2000 20:33:30 -0400  
From: "Robert Usher" <ushers@erols.com>  
To: <qrp-l@lehigh.edu>  
Subject: [79011] Please remove my name  
Message-ID: <001e01c0192c\$6acf4d80\$b094accf@rausher>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: <qrp-l@Lehigh.EDU>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, September 07, 2000 7:03 PM  
Subject: QRP-L digest 1937

> QRP-L Digest 1937  
>  
> Topics covered in this issue include:  
>  
> 1) [78927] spur-less??  
> by neil tanner <ntan@crosslink.net>  
> 2) [78928] Fox- New England Hunters needed!  
> by John Wagner <john@neknetwork.com>  
> 3) [78929] WTB: Heathkit HG10 vfo

> by Lbschafer@aol.com  
> 4) [78930] Stupid Mistake #2 for Summer 2000  
> by "Joe Malloy" <jmalloy@hamilton.edu>  
> 5) [78931] FS or trade: OHR 100 30 meter CW xcvr  
> by Alan <aadelma@yahoo.com>  
> 6) [78932] NEQRP WQ1RP CW Net, Thursday 9:00PM EDT, 3561MHz  
> by "C. J. Ludinsky" <cjl@mitre.org>  
> 7) [78933] CLUB: WestFLA Meeting Moved to Saturday, 16 September 2000  
> by "Stephen D. Cohen" <scohen@tampabay.rr.com>  
> 8) [78934] First DX in 35 yrs  
> by "David Porter" <dporter@voicenet.com>  
> 9) [78935] Re: First DX in 35 yrs  
> by Brian <brian@iquest.net>  
> 10) [78936] The End of it ALL  
> by "Karl F. Larsen" <k5di@zianet.com>  
> 11) [78937] .38 Special PC board or manual?  
> by arrowhead1@characterlink.net (Ted Danchi)  
> 12) [78938] Re: Determining Tree Height  
> by hamjoel@juno.com  
> 13) [78939] First DX in 35 yrs  
> by "Wilford D. Lindsey" <70511.3041@compuserve.com>  
> 14) [78940] Re: The End of it ALL  
> by RangerSF5@aol.com  
> 15) [78941] Re: R-7000 Vertical or Dipole  
> by "James R. Duffey" <jamesd1@flash.net>  
> 16) [78942] K2 SSB DX  
> by M Goins <mgoins@usa.net>  
> 17) [78943] UPDATE: .38 Special PC board or manual?  
> by arrowhead1@characterlink.net (Ted Danchi)  
> 18) [78944] Re: Determining tree height  
> by "Hugo W. Catta" <cx9aak@bellatlantic.net>  
> 19) [78945] Midland Bug  
> by "Mike Duke" <k5xu@concentric.net>  
> 20) [78946] RE: USSR Prefix/Suffix Map -- for DX'rs only  
> by Adrian Weiss <aweiss@usd.edu>  
> 21) [78947] Re: Chas Kitchen Regen etc  
> by "George Heron N2APB" <n2apb@erols.com>  
> 22) [78948] OT: Vacation report/some qrp content (longish too)  
> by GElam30092@aol.com  
> 23) [78949] RE: USSR Prefix/Suffix Map -- for DX'rs only  
> by Scott Bauer <w3cv@pcbank.net>  
> 24) [78950] Re: Chas Kitchen Regen etc  
> by Pete Burbank <plburbank@kih.net>  
> 25) [78951] FOX: Summer Fox Hunt Final Results!  
> by "Marshall Emm" <mgemm@mtechnologies.com>  
> 26) [78952] Re: The End of it ALL  
> by Steve Yates <aa5tb@yahoo.com>  
> 27) [78953] Re: NA Sprint



> by Bob Patten <n4bp@bc.seflin.org>  
 > 28) [78954] Homebrew Pic's: LED SWR n' Transmatch  
 > by "K7FD-N7SG" <cqdx@teleport.com>  
 > 29) [78955] portable Maui with K2  
 > by Don Minkoff <cowchip@mediaone.net>  
 > 30) [78956] OT: NASA Studying sunspots at sunspot maximum  
 > by "Alan Kaul" <alan.kaul@worldnet.att.net>  
 > 31) [78957] Re: Homebrew Pic's: LED SWR n' Transmatch  
 > by "Leon Heller" <leon\_heller@hotmail.com>  
 > 32) [78958] Re: The End of it ALL  
 > by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
 > 33) [78959] Re: The End of it ALL  
 > by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
 > 34) [78960] nw20 testing...  
 > by neil tanner <ntan@crosslink.net>  
 > 35) [78961] CONTEST: QRP Contesting Sept 9/10  
 > by Ken Newman <N2CQ@citnet.com>  
 > 36) [78962] unsubscribe  
 > by "Rick Austin" <radio@capsales.com>  
 > 37) [78963] Re: Chas Kitchen Regen etc  
 > by Richard Matthews <prm@hiwaay.net>  
 > 38) [78964] Re: QRP AFIELD Planning  
 > by "Dave Benson" <nn1g@earthlink.net>  
 > 39) [78965] Club: IAQRP Summer Newsletter available in Word format  
 > by "John Burnley" <burnleyia@home.com>  
 > 40) [78966] Asia heard on 40m from NC motel room with 8' wire and regen  
 RX  
 > by "Bob Duckworth" <wb4mnf@atl.org>  
 > 41) [78967] Re: Chas Kitchen Regen etc  
 > by Bruce Muscolino <w6toy@erols.com>  
 > 42) [78968] Using a TS450S at QRP levels  
 > by "Gary Lee Phillips" <ka9nzi@arrl.net>  
 > 43) [78969] Another ground question: DC ground vs. RF ground  
 > by "Gary Lee Phillips" <ka9nzi@arrl.net>  
 > 44) [78970] Re: QRP AFIELD Planning  
 > by Bill Jones <kd7s@psnw.com>  
 > 45) [78971] Re: Determining tree height  
 > by "Manager QRP-L" <manager@astro.cc.lehigh.edu>  
 > 46) [78972] Re: Stupid question...  
 > by Todd Nichols <Todd\_Nichols@cree.com>  
 > 47) [78973] Re: Another ground question: DC ground vs. RF ground  
 > by Steve Yates <aa5tb@yahoo.com>  
 > 48) [78974] Re: Chas Kitchen Regen etc  
 > by "Bruce Kizerian" <kizerian@ced.utah.edu>  
 > 49) [78975] Re: QRP AFIELD Planning  
 > by n2cx@voicenet.com  
 > 50) [78976] Re: QRP AFIELD Planning  
 > by Monte Stark <ku7y@dri.edu>

> 51) [78977] This saturdays PSK31 QRP ARCI sprint  
> by Jim Hale <kj5tf@yahoo.com>  
> 52) [78978] 18 QRP-L People  
> by "Karl F. Larsen" <k5di@zianet.com>  
> 53) [78979] Re: The End of it ALL  
> by Monte Stark <ku7y@dri.edu>  
> 54) [78980] FOX - Winter Hunt Teams -  
> by Bruce Rattray <rattray@gpfn.sk.ca>  
> 55) [78981] Re: 18 QRP-L People  
> by "Rod, N0RC" <n0rc@qsl.net>  
> 56) [78982] OT - Pullin' up stakes  
> by "Tom Hybiske" <hybiske@drs-fsc-comm.com>  
> 57) [78983] QRPers in NE TX  
> by "Chuck Carpenter" <w5usj@globeco.net>  
> 58) [78984] Re: 18 QRP-L People  
> by "Manager QRP-L" <manager@astro.cc.lehigh.edu>  
> 59) [78985] Re: QRP AFIELD Planning  
> by "Dave Benson" <nn1g@earthlink.net>  
> 60) [78986] 2p worth del escoscia  
> by Euramcom <mel@euramcom.freeserve.co.uk>  
> 61) [78987] Re: QRP AFIELD Planning  
> by mulveyr@iname.com  
> 62) [78988] Re: 18 QRP-L People  
> by "Dan Hogan" <dhhogan@nav.cnchost.com>  
> 63) [78989] Request for a sked to WAS - WY,RI,LA  
> by "Harsha K" <bravado@angelfire.com>  
> 64) [78990] OT: Amatuer Astronomy  
> by "Niel Skousen" <nskousen@scientech.com>  
> 65) [78991] RS Freq. counter Question  
> by Ed Lawson <elawson@lawson-philpot.com>  
> 66) [78992] Re: QRPers in NE TX  
> by "George, W5YR" <w5yr@att.net>  
> 67) [78993] QRP AFIELD Planning - lit pencils  
> by "Charles Mabbott" <crmabbott@mediaone.net>  
> 68) [78994] qrpers west side of houston  
> by M Goins <mgoins@usa.net>  
> 69) [78995] Re: QRP AFIELD Planning - lit pencils  
> by mulveyr@iname.com  
> 70) [78996] HB - regens  
> by n5ib@juno.com  
> 71) [78997] Re: HB - regens  
> by "Cla KA0GKC" <ka0gkc@arrl.net>  
> 72) [78998] Re: HB - regens  
> by "Dan W. Dooley" <dandooley@pipeline.com>  
> 73) [78999] Re: HB - regens  
> by David Hinerman <dlh1009@ritvax.isc.rit.edu>  
> 74) [79000] Re: HB - regens  
> by "Cla KA0GKC" <ka0gkc@arrl.net>

> 75) [79001] Re: R-7000 Vertical or Dipole  
> by Renato Meneghim de Freitas <py2one@uol.com.br>  
> 76) [79002] QRP-A-FIELD  
> by "Steven Weber" <kd1jv@moose.ncia.net>  
> 77) [79003] Re: QRP AFIELD Planning  
> by "David Porter" <dporter@voicenet.com>  
> 78) [79004] OT: Looking for Bay Area bike shops  
> by Bill Jones <kd7s@psnw.com>  
> 79) [79005] Re: HB - regens  
> by "Bob Tellefsen" <n6wg@earthlink.net>  
> 80) [79006] Re: HB - regens  
> by "Tony Fishpool" <g4wif@btinternet.com>  
>  
> -----  
>  
> Date: Wed, 06 Sep 2000 19:23:16 -0400  
> From: neil tanner <ntan@crosslink.net>  
> To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
> Subject: [78927] spur-less??  
> Message-ID: <39B6D1E4.54564DD8@crosslink.net>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
> Content-Transfer-Encoding: 7bit  
>  
> Greetings All-  
> And again, tnx to all that offered tips and advice....  
> I think I may be on the verge of solving the problem...Dave Bixler, who  
> has a NW20 has given me some ideas which I employed this afternoon after  
> getting off of work.....I removed the tx section (pa was right next to  
> the vfo) and removed the output filter (this was mounted above the tx  
> and vfo....after all the testing the past few days, I think I cooked the  
> mrf 476 final...put a rca 4013 in its place and had a 20 ohm res. at  
> its base....I was able to get some juice with less problems with  
> swr....replaced the 20 with a 50 and pwr is now about 500mw and swr is  
> almost nil.....it doesn't sound too bad either....the driver and pa are  
> still very close to one and other, so maybe next test will be to start  
> from scratch and build it ugly and not try to get a compact board...I  
> still have plenty of room in the cabinet....  
> So thanks everyone and I will keep you posted...72 Neil wa4chq  
>  
>  
> -----  
>  
> Date: Wed, 06 Sep 2000 19:23:54 -0400  
> From: John Wagner <john@neknetwork.com>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: [78928] Fox- New England Hunters needed!  
> Message-ID: <39B6D20A.C97FC4F4@neknetwork.com>

> MIME-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
> Content-Transfer-Encoding: 7bit  
>  
> We still have two slots open on the newly formed winter fox hunting team  
> to represent New England. We know there are some talented hunters in New  
> England. Please step forward!  
>  
> So far we have:  
>  
> Jim KC1FB  
> Joel K1QM  
> John KB1ENS  
>  
> and a couple of possible catchy names. Email me directly if interested,  
> and by all means you can add a team name to the list!  
>  
> 73,  
>  
> John, KB1ENS  
> Holland, VT  
> --  
> John Wagner - john@neknetwork.com  
> Web page: <http://www.neknetwork.com>  
> Personal Web page: <http://www.together.net/~jwag>  
>  
> -----  
>  
> Date: Wed, 6 Sep 2000 19:48:40 EDT  
> From: Lbschafer@aol.com  
> To: qrp-1@lehigh.edu  
> Subject: [78929] WTB: Heathkit HG10 vfo  
> Message-ID: <c2.3f11c9.26e831d8@aol.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset="US-ASCII"  
> Content-Transfer-Encoding: 7bit  
>  
> I have a vintage Heathkit station and I need to round it out with purchase  
of  
> the HG10 VF0. Please help...Lee, K7QD  
>  
> -----  
>  
> Date: Wed, 6 Sep 2000 19:52:57 -0400  
> From: "Joe Malloy" <jmalloy@hamilton.edu>  
> To: <qrp-1@Lehigh.EDU>  
> Subject: [78930] Stupid Mistake #2 for Summer 2000  
> Message-ID: <000001c0185d\$951c0300\$6647eed8@mozart>

> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
> Ok, I confess. When I got back to work on my rather deaf SMK-1, I had  
> a couple of good ideas provided by folks on the list (thanks, guys!).  
> One was the mute switch (Q5?) and I eagerly tried shorting that to  
> ground. I naturally expected to be greeted by a cacophony of sound  
> (\*desired\* sounds that is) but my rx was still dead. Uh-oh. I was  
> checking the placement of all the components and lo and behold, Q1  
> (absolutely essential to the receiving circuit!) was, ahem, AWOL.  
> Yes, folks, I forgot to install a major piece of the pie. A quick  
> check of the old junkbox and voila, I had a working SMK-1. (Boy, it  
> really steams me that Doug Fifield expected \*all\* the parts to be  
> installed, I tell ya'!)

>  
> What happened was, in brief, this: when it came time to install Q1  
> back in May, when I started on this project (which was dropped because  
> Elecraft \*rudely\* send me the K2 I had ordered (hi!)), I had, er, um,  
> sent the part flying to a land I know not where. Ok, I thought, I'll  
> just order a replacement part and...<ding dong> oh, what's this, the  
> K2! Wow! And thus were forgotten all details about ordering a  
> replacement Q1 etc...

>  
> Well, last night I assembled my first cabinet (thank to NJQRP club,  
> thanks, guys!) and when the rig was altogether, well, I was just  
> tickled pink at the little rig! Thanks to the guys and gals at NorCal  
> and especially Doug Fifield for this project! (Although, Doug, I'd  
> recommend a rig design that doesn't require all its parts to  
> work....(hi!))

>  
> 73,  
>  
> Joe, W2RBA

>  
>  
> -----  
>  
> Date: Wed, 6 Sep 2000 16:57:39 -0700 (PDT)  
> From: Alan <aadelma@yahoo.com>  
> To: qrp-l@Lehigh.EDU  
> Subject: [78931] FS or trade: OHR 100 30 meter CW xcvr  
> Message-ID: <20000906235739.24954.qmail@web118.yahoomail.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
>  
> FS or trade: OHR 100 30 meter 5 watt CW xcvr. Has

> full QSK, RIT. Output is continuously variable from 0  
 > to 5 watts. Very good condition with manual.  
 > Functions flawlessly, but I'm not a 30 meter guy.  
 >  
 > \$100 CONUS or trade for 20 meter xcvr or backpackable  
 > antenna tuner or 10 meter mobile rig.  
 > Please send email to me at aadelma@yahoo.com.  
 >  
 > Thanks -- Alan  
 >  
 >  
 >  
 > -----  
 > Do You Yahoo!?  
 > Yahoo! Mail - Free email you can access from anywhere!  
 > <http://mail.yahoo.com/>  
 >  
 > -----  
 >  
 > Date: Wed, 06 Sep 2000 20:54:50 -0400  
 > From: "C. J. Ludinsky" <cjl@mitre.org>  
 > To: neqrp@jona1.net, qrp-1@lehigh.edu  
 > Subject: [78932] NEQRP WQ1RP CW Net, Thursday 9:00PM EDT, 3561MHz  
 > Message-ID: <39B6E75A.12B011C9@mitre.org>  
 > MIME-Version: 1.0  
 > Content-Type: text/plain; charset=us-ascii  
 > Content-Transfer-Encoding: 7bit  
 >  
 > The New England QRP Club's CW net meets again on Thursday night at 9:00  
 > PM EDT (i.e., 0100Z, Friday) on or around 3.561MHz. With fine, early  
 > fall weather in the Northeast, we're expecting (or at least hoping) for  
 > excellent conditions on 80M. Net op for Thursday's session will be  
 > Chuck, K1CL.  
 >  
 > With several of us in the Northeast checking into Tuesday night's MI QRP  
 > Club net, we think we demonstrated that, even on these noisy summer  
 > nights, a QRP'er can reach out on 80M for a considerable distance. So  
 > with the summer fox season over and the fall season not yet started,  
 > come join us on 80M and test your ability to pull our QRP signals out of  
 > the summer QRN.  
 >  
 > 72 DE K1CL,  
 > Chuck.  
 >  
 >  
 > -----  
 >  
 > Date: Wed, 6 Sep 2000 21:35:14 -0400  
 > From: "Stephen D. Cohen" <scohen@tampabay.rr.com>

> To: "QRP-L Mailing List" <qrp-l@lehigh.edu>, "Jim Huhta"  
<aa4md@amsat.org>, "Jim Gerhart" <kd4rml@gte.net>, "Warren Elly"  
<w1gud@tampabay.rr.com>,  
> "Garry Allen" <k4cyc@hamclub.org>, "Sean Dougherty" <kg4evw@arrl.net>,  
> "Lee Seeley" <w4ckt@arrl.net>, "Brian Wenholz" <af4sr@hamclub.org>,  
> Subject: [78933] CLUB: WestFLA Meeting Moved to Saturday, 16 September  
2000  
> Message-ID: <NDBBJALMDCJHFFPJMMFKAEBGDKAA.scohen@tampabay.rr.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
> Ladies and Gentlemen,  
>  
> Due to a scheduling conflict for several members, as well as  
> interference (schedule wise) with the Shuttle launch and the Melbourne  
> Hamfest, this weekend (Saturday the 9th of September), the Western  
> Florida QRP Club meeting has been moved to next week.  
>  
> Thus the new date for the meeting will be on Saturday, the 16th  
> of September. I will post another message next week indicating the new  
> time and also outlining the goings on for the meeting. If anybody  
> has anything special planned, please let me know before the meeting.  
>  
> Questions should be forwarded to westfla@qsl.net.  
>  
> 73,  
>  
> Steve, NF4X  
>  
>  
> -----  
>  
> Date: Wed, 6 Sep 2000 21:43:30 -0400  
> From: "David Porter" <dporter@voicenet.com>  
> To: "qrp-l" <qrp-l@Lehigh.EDU>  
> Subject: [78934] First DX in 35 yrs  
> Message-ID: <200009070143.VAA48604@nss4.cc.lehigh.edu>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=ISO-8859-1  
> Content-Transfer-Encoding: 7bit  
>  
> After two days of listening to some sort of wide-band RFI, tonight was  
nice  
> and quiet. Unfortunately, I couldn't find a spot near 7040, and a W1  
> wasn't returning my call, so I just kept cranking the DSW's dial. Finally  
> stopped with a CQ from DL8FD. I couldn't even imagine that my two watts

> and end-fed half-wave wire would get me through, so I lurked for a while.  
>  
> I tried to tag along at the end of a QSO, but he called CQ. I  
> called....nothing. But he wasn't calling anyone else either, so I called  
> again. Bang! 559 in Saar, Germany. I promptly got QRMed, and Hans called  
> it quits, but not until he said that QSL is OK!  
>  
> Last time I got Germany was with 75 watts, 35 years ago, and I thought  
THAT  
> was QRP!  
>  
> approx. 3896 miles for around 1934 miles per watt. Not too shabby.  
>  
> David Porter  
> dporter@voicenet.com  
> AA3UR  
>  
> -----  
>  
> Date: Wed, 06 Sep 2000 20:59:27 -0500  
> From: Brian <brian@iquest.net>  
> To: dporter@voicenet.com  
> Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: [78935] Re: First DX in 35 yrs  
> Message-ID: <39B6F67F.70DC6E31@iquest.net>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
> Content-Transfer-Encoding: 7bit  
>  
> David,  
>  
> Most excellent DX report!  
>  
> Good job!  
>  
>  
> David Porter wrote:  
> >  
> > After two days of listening to some sort of wide-band RFI, tonight was  
nice  
> > and quiet. Unfortunately, I couldn't find a spot near 7040, and a W1  
> > wasn't returning my call, so I just kept cranking the DSW's dial.  
Finally  
> > stopped with a CQ from DL8FD. I couldn't even imagine that my two watts  
> > and end-fed half-wave wire would get me through, so I lurked for a  
while.  
> >  
> > I tried to tag along at the end of a QSO, but he called CQ. I



> > called....nothing. But he wasn't calling anyone else either, so I called

> > again. Bang! 559 in Saar, Germany. I promptly got QRMed, and Hans called

> > it quits, but not until he said that QSL is OK!

> >

> > Last time I got Germany was with 75 watts, 35 years ago, and I thought THAT

> > was QRP!

> >

> > approx. 3896 miles for around 1934 miles per watt. Not too shabby.

> >

> > David Porter

> > dporter@voicenet.com

> > AA3UR

>

> --

> =====

> KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223

> 39.558 N 86.095 W Johnson Co., Indiana

> GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w

> Proud to be a member of the American Radio Relay League

> FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

> =====

>

> -----

>

> Date: Wed, 6 Sep 2000 20:27:01 -0600 (MDT)

> From: "Karl F. Larsen" <k5di@zianet.com>

> To: QRP-L List <qrp-l@lehigh.edu>

> Subject: [78936] The End of it ALL

> Message-ID: <Pine.LNX.4.10.10009062005420.2008-1000000@cannac.ampr.org>

> MIME-Version: 1.0

> Content-Type: TEXT/PLAIN; charset=US-ASCII

>

>

> Every time I write a message to the QRP-L List I receive several

> e-mails from irate members that know far more about the subject than I

> and want me to agree that they are the "TRUE" experts. They take a message

> I wrote and expand on it and show how in the expanded case I am full of

> s...

>

> This is appalling to me and I don't need to take any more. I was

> interested when yesterday a Ham asked a question and said he has been

> lurking for 2 YEARS without asking a single question. This is a normal

> person who has no tolerance for snide comments or out and out hate mail.

>

> Since this list has it's own Experts on antenna's, tuners, radios

> and electronic keyers I have nothing to say. For the most part I don't use  
> the same things the Experts from this list provide because I'm an  
> Electrical Engineer and can prove some recommended antenna's, tuners and  
> baluns and such are not the best.

>  
> The Summer FOX Hunt was fun to me and I hope to enjoy the Winter  
> FOX Hunts. My participation will be on this kind of subject only. If asked  
> to give a technical answer to a question I will not. I will never comment  
> again on my antenna or rig to this list.

>  
>  
> Yours Truly,

>  
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
>

>  
>  
> -----  
>

> Date: Wed, 06 Sep 2000 22:23:52 -0400  
> From: arrowhead1@characterlink.net (Ted Danchi)  
> To: QRP-L Reflector <qrp-l@Lehigh.EDU>  
> Subject: [78937] .38 Special PC board or manual?  
> Message-ID: <39B6FC38.FA952634@characterlink.net>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
> Content-Transfer-Encoding: 7bit  
>

> Does anybody have an extra .38 Special PC board and/or manual they would  
part  
> with? I can't offer much, but I am interested. I think I can collect the  
parts  
> pretty easily. A board would make it easier to build, and I guess a  
manual  
> would be kind of helpful too...

> --  
> Michael F. Danchi, KE4TSA  
> Violinist  
> "Guardian 7"

>  
>  
>  
>  
> -----  
>

> Date: Wed, 6 Sep 2000 22:28:23 -0400  
> From: hamjoel@juno.com  
> To: qrp-l@lehigh.edu  
> Subject: [78938] Re: Determining Tree Height

> Message-ID: <20000906.222824.-321705.0.hamjoel@juno.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain  
> Content-Transfer-Encoding: 7bit  
>  
>  
>  
>  
> > Surely the Ham method of measuring tree height would be to hang a  
> > wire from the top and find the frequency at which it resonates at, say,  
> > a  
> > quarter wavelength.  
> > Simple;-))  
> > Ted, G0ULL  
> >  
> nOT so simple Ted.... the measurement would be distorted by the  
> proximinty of the tree, end effect, ur body next to wire and many other  
> things I suspect... :-) ;-)) hee hee 'mazing how things get complicated  
> an't it...  
> ke1la joel  
> -----  
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
> Juno now offers FREE Internet Access!  
> Try it today - there's no risk! For your FREE software, visit:  
> <http://dl.www.juno.com/get/tagj>.  
>  
> -----  
>  
> Date: Wed, 6 Sep 2000 22:49:59 -0400  
> From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
> To: "INTERNET:dporter@voicenet.com" <dporter@voicenet.com>  
> Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion  
Group <QRP-L@Lehigh.edu>  
> Subject: [78939] First DX in 35 yrs  
> Message-ID: <200009062250\_MC2-B26C-F43D@compuserve.com>  
> MIME-Version: 1.0  
> Content-Transfer-Encoding: quoted-printable  
> Content-Type: text/plain;  
> charset=ISO-8859-1  
> Content-Disposition: inline  
>  
> David:  
>  
> Way to go, guy. Thanks for sharing it, and for your enthusiasm. =  
>  
>  
> 72/73,  
> --W.D. (Doc) Lindsey

> DSBF  
 > PO Box 6028  
 > Bismarck, ND 58506  
 > (Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)  
 > E-Mail =3D K0EVZ@arrl.net  
 >  
 > -----  
 >  
 > Date: Wed, 6 Sep 2000 22:53:45 EDT  
 > From: RangerSF5@aol.com  
 > To: k5di@zianet.com, qrp-1@lehigh.edu  
 > Subject: [78940] Re: The End of it ALL  
 > Message-ID: <75.94cd19a.26e85d39@aol.com>  
 > MIME-Version: 1.0  
 > Content-Type: text/plain; charset="US-ASCII"  
 > Content-Transfer-Encoding: 7bit  
 >  
 > In a message dated 9/6/00 10:27:45 PM Eastern Daylight Time,  
 k5di@zianet.com  
 > writes:  
 >  
 > <<  
 > Since this list has it's own Experts on antenna's, tuners, radios  
 > and electronic keyers I have nothing to say. For the most part I don't  
 use  
 > the same things the Experts from this list provide because I'm an  
 > Electrical Engineer and can prove some recommended antenna's, tuners and  
 > baluns and such are not the best.  
 >  
 > The Summer FOX Hunt was fun to me and I hope to enjoy the Winter  
 > FOX Hunts. My participation will be on this kind of subject only. If  
 asked  
 > to give a technical answer to a question I will not. I will never comment  
 > again on my antenna or rig to this list.  
 >  
 > >>  
 > I know the feeling Karl and you'r letter was long over due.  
 > It was for reasons you stated above that I mail others direct when I see a  
 > post made by someone I think can help me out and not receive any smart \*\*\*  
 > remarks.  
 > Bob  
 > WA2HOQrp <tm>.....99% lurker  
 >  
 > -----  
 >  
 > Date: Wed, 06 Sep 2000 20:57:09 -0600  
 > From: "James R. Duffey" <jamesd1@flash.net>  
 > To: <qrp-1@lehigh.edu>, <mmfanche@gateway.net>

> Subject: [78941] Re: R-7000 Vertical or Dipole  
> Message-ID: <B5DC6023.266F%jamesd1@flash.net>  
> Mime-version: 1.0  
> Content-type: text/plain; charset="US-ASCII"  
> Content-transfer-encoding: 7bit  
>  
> Mark - I suggest that you put up both antennas. Be able to switch between  
> the two. There are a number of reasons to have two antennas, particularly  
> if  
> one is horizontally polarized and one is vertically polarized.  
>  
> 1. There are times when one antenna will yield a better signal than the  
> other, and it is nice to be able to use the one with the best signal  
> (Actually best signal to noise ratio). I would guess that your 40 M dipole  
> will probably give the best signals most of the time, but there will be  
> times when the vertical will be better.  
>  
> 2. You may find that QRM is lower on one antenna than the other, so that  
> even if the signal is lower, it will be easier to copy. The vertical will  
> have a null overhead which the dipole does not, so that close in strong  
> stations will be weaker on the vertical. This may be better when you are  
> trying to work stations much further away than the QRM is.  
>  
> 3. You may find that noise will be lower on the vertical for the same  
> reason  
> as 2), except that in this case, close in noise sources, such as thunder  
> storms in summer, may be attenuated more on the vertical than on the  
> dipole.  
>  
> 4. If you ever get a second radio, it is nice to be able to listen to two  
> of  
> them at a time. As an example, get a cheap 10 M transceiver and put it on  
> the R-7000 to monitor the band for openings while you work 40 M. You may  
> also get into satellite work later on and you can work RS-12/13 Mode K  
> with  
> one antenna on 15 M uplink and one on the 10 M downlink.  
>  
> 5. If you get a higher band radio and want to use the dipole on the higher  
> bands, there will be nulls in certain directions. The vertical will fill  
> in  
> these directions and provide you with whole earth coverage, albeit it at  
> lower gain than with the dipole in its preferred direction. As an example,  
> at my QTH if the 40 M dipole is set up so the main lobe is centered on  
> Europe on 20 M and 17 M, on 15 M and higher there will be a null towards  
> Europe and lobes centered on South Africa. If you want to work everywhere  
> in  
> the world, you just about need to rotate the antenna, have two antennas,  
> or

> have an omnidirectional antenna like the vertical.  
>  
> 6. If you get serious into contesting you may wish to operate with two  
> radios. The second antenna will come in useful here.  
>  
> 7. If something goes wrong with one antenna, you always have a backup.  
This  
> is particularly good in winter when it is not always easy to do antenna  
> work. Voice of experience.  
>  
> If you put up the vertical use a choke, or current balun at the feedpoint  
to  
> reduce feedline radiation. These are easy to make; directions for scramble  
> wound air core baluns are in the handbook, as are directions for bead  
> baluns; both of which are simple to make and effective.  
>  
> I hope that this helps. Let us know how this all turns out. - Dr.  
Megacycle  
> --  
> James R. Duffey KK6MC/5  
> 30 Casa Loma Road  
> Cedar Crest, NM 87008  
>  
>  
> -----  
>  
> Date: 6 Sep 00 22:00:12 EST  
> From: M Goins <mgoins@usa.net>  
> To: qrp-1@Lehigh.EDU  
> Subject: [78942] K2 SSB DX  
> Message-ID: <20000907030012.3032.qmail@awcst094.netaddress.usa.net>  
> Mime-Version: 1.0  
> Content-Type: text/plain; charset=US-ASCII  
> Content-Transfer-Encoding: quoted-printable  
>  
> K2 #621 is on SSB for the first time and worked VK3MW and KH6BBC on 10 me=  
> ters  
> with 2 watts (normally run 1 watt with the Kenwood 440 but wasn't sure if=  
> the  
> Heil headset would put out enough audio to work anyone at all). Back to 1=  
>  
> watt. =  
>  
>  
> Love the rig - especially the receiver. Amazing.  
>  
> mike  
> wb5yjx

> SOC 53  
> K2 #621  
>  
>  
> -----  
> Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>  
>  
> -----  
>  
> Date: Wed, 06 Sep 2000 23:02:32 -0400  
> From: arrowhead1@characterlink.net (Ted Danchi)  
> To: QRP-L Reflector <qrp-l@Lehigh.EDU>  
> Subject: [78943] UPDATE: .38 Special PC board or manual?  
> Message-ID: <39B70548.AC4FCDC4@characterlink.net>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
> Content-Transfer-Encoding: 7bit  
>  
> Thanks for the replies. My question is answered.  
>  
> Michael F. Danchi, KE4TSA  
> "Guardian 7"  
>  
> -----  
>  
> Date: Wed, 6 Sep 2000 23:02:02 -0400  
> From: "Hugo W. Catta" <cx9aak@bellatlantic.net>  
> To: <ka9nzi@arrl.net>, "Low Power Amateur Radio Discussion"  
<qrp-l@Lehigh.EDU>  
> Subject: [78944] Re: Determining tree height  
> Message-ID: <008401c01878\$027c0c00\$0100005a@WinProxy>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
> Just buy an helium filed baloon at your local convenience store, (\$2.00  
> ?? ), and use some lightweight fishing line.  
> Is a no-brainer.  
> I can't belive this thread.  
>  
> 72,  
> Hugo  
> CX9AAK/W2  
>  
>  
> -----  
>  
> Date: Wed, 6 Sep 2000 22:16:18 -0400

> From: "Mike Duke" <k5xu@concentric.net>  
> To: "qrp" <qrp-1@lehigh.edu>  
> Subject: [78945] Midland Bug  
> Message-ID: <000a01c01872\$013bab80\$13320140@k5xu>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
> In the late 60s, and perhaps through their demise, Lafayette Radio sold a  
> mostly plastic bug made by Midland.  
>  
> A non-ham friend gave me one of these bugs for Christmas in 1969, the year  
> that I earned my Novice ticket. I ran it until it literally fell to  
pieces.  
>  
> What is the going price for one of these relics in reasonable condition?  
>  
> Mike Duke, President,  
> Mississippi Council of the Blind  
>  
>  
>  
> -----  
>  
> Date: Wed, 6 Sep 2000 22:41:41 -0500 (CDT)  
> From: Adrian Weiss <aweiss@usd.edu>  
> To: qrp-1@lehigh.edu  
> Subject: [78946] RE: USSR Prefix/Suffix Map -- for DX'rs only  
> Message-ID: <Pine.SOL.4.03.10009062231550.26636-1000000@sunburst.usd.edu>  
> MIME-Version: 1.0  
> Content-Type: TEXT/PLAIN; charset=US-ASCII  
>  
> Hi gang:  
>  
> Perhaps a few of you might be interested in a huge printed map with  
> all the latest prefixes/suffixes and CQ zones etc. I worked August  
> ES1WN several times on 30m and finally got his QSL which included  
> a note that his "life's work" (the map) was available for something  
> like \$15 U.S. Got it today and not enough room to actually spread it  
> out on the desk (20" high by several feet wide). But, there the stuff  
> was that I never had the slightest inkling about -- where's UA0F--,  
> or UA9I-- ? When I have a bit of free time, I'm going to match up  
> the USSR stns in my log with locations.  
>  
> If you want one of these, send \$15 to:  
>  
> August Parn



> Box 1649  
> Tallinn 6  
> Estonia  
>  
> 8 great-looking stamps on the mailing tube as well!  
>  
> I received QSL #104 today -- VP6BR, Pitcairn!  
>  
> XF1/F6BUM has been running on 10103.8 since 0245 when I caught him  
> tuning up and nailed him. He's showing up the last couple of nights  
> around 0200-0230. Check it out!  
>  
> 72, Ade  
>  
>  
> -----  
>  
> Date: Wed, 6 Sep 2000 23:53:50 -0400  
> From: "George Heron N2APB" <n2apb@erols.com>  
> To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>  
> Subject: [78947] Re: Chas Kitchen Regen etc  
> Message-ID: <006501c0187f\$3d33ebe0\$0100000a@gheron>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
> Just a quick follow-up to the posting I made yesterday concerning some  
> problems I was having getting the "Simple Regen Radio" from Charles  
Kitchen,  
> N1TEV working in the Manhattan-style construction form.  
>  
> Well, with some good advice received from some list members here, and  
> especially some detailed tips from Charles himself, I now have a couple of  
> Boy Scouts down here in the shack bouncing off the walls hearing some  
nice,  
> strong short wave broadcast stations for the first time! What a beautiful  
> sounding receiver. These teens are totally psyched and hooked on this  
> "radio-thing" upon hearing Radio Czechoslovakia booming in from a radio  
that  
> they built from scratch.  
>  
> Not sure which of the recommendations did the big trick, but I suspect it  
> was the gain cap on the LM386. Recalling that it was built  
Manhattan-style,  
> the bent over pin 1 lead on the IC socket wasn't quite making it down to  
the  
> little pad I was using and I hadn't noticed it before. I also changed

over

> the .001 caps from mylar to disc, given that they should be better at RF  
> than the mylars. And indeed that boosted the oscillation from the  
> transistor. I also swapped out the transistor to a metal can version of  
the  
> 2N2222A and it also seemed to provide a bit more gain. Conversely, with  
the  
> original lower gain transistor, I lowered the 150K resistor a bit and it  
> seemed to help out some too.  
>  
> This project by the two scouts is definitely making it into the next issue  
> of QRP Homebrewer (Summer 2000, issue #4, currently in the edit stages),  
and  
> it'll make a wonderful homebrewing article that I hope many will enjoy.  
>  
> If you haven't been bitten by the Regen bug yet, get out your soldering  
iron  
> and give this one a try. The N1TEV article in September QST is wonderfully  
> clear and easy to follow. Just be careful when doing it ugly style and  
> soldering your IC sockets to Manhattan pads! :-)  
>  
> The kids have been listening on this thing for the last couple of hours  
> straight ... they don't want to leave tonight! And I must admit, the  
magic  
> of this regen has me smitten too!  
>  
> 73, George N2APB  
> n2apb@amsat.org  
>  
> PS: And thanks again to N1TEV, NV4V, KB2SYB, N2CX, G4WIF and KK7ZZ for  
> their insightful pointers.  
>  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 00:07:31 EDT  
> From: GElam30092@aol.com  
> To: qrp-l@lehigh.edu  
> Subject: [78948] OT: Vacation report/some qrp content (longish too)  
> Message-ID: <e1.95dc84e.26e86e83@aol.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset="US-ASCII"  
> Content-Transfer-Encoding: 7bit  
>  
> Well, I just finished another Mojave Desert trip that was quite a bit of  
fun  
> even for this time of the year. I left PHX on Friday afternoon and met a

> Jeepster friend in Needles, CA for the night.  
>  
> We got up early on Saturday and got on the trail after a leisurely  
breakfast.  
> We only covered about 50 miles the first day making quite a few stops  
for  
> this, that and the other.....taking pictures, looking at the sites,  
chasing  
> lizards, etc. We spent that night at Rock Springs which is at about 4000  
ft.  
> (guessing) and it was quite, quite cold that night.  
>  
> I did bring my laptop and K2 on the trip. I was able to make QRP contacts  
> each night and each night, I got one operator to send an e-mail to my  
> daughter letting her know where we were. My best was into Argentina at 5  
> watts.  
>  
> The second night, we camped near Kelso Dunes and the temp. was much more  
> agreeable. On both nights, the sky was incredibly clear and filled with  
> stars! My laptop power supply was acting up so I kept the operating  
short  
> for that reason and so I wouldn't ignore others on the trip too.  
>  
> On the third day, we crossed Soda Lake which is always dangerous if even  
> slightly wet. But we didn't have any problems and continued towards the  
> flood plain where I came as close as I've ever come to getting stuck in  
the  
> flood plains! We made our way up Alton Canyon and exited just outside of  
the  
> BLM campground outside of the canyon. On the entire trip which covered  
123  
> miles, we only saw 4 other vehicles.  
>  
> Spent most of the day in Death Valley today. What an experience. I went  
> down off of the Badwater area on a side road and was at -200 ft. altitude.  
I  
> stopped for about an hour and set up the radio to see what kind of success  
I  
> could get at that extreme. I could only last about an hour since it was  
> kind of warm today!  
>  
> Needless to say, the contacts weren't difficult. I was more interested in  
> the novelty of operating from below sea level. Most times, we concentrate  
on  
> the other end of the altitude spectrum so this was different. Seems like  
> there's a t-shirt saying in there somewhere..... "QRP & Below Sea Level:  
> How Low Can You Go?" or something like that.  
>

> As I was sitting there in the middle of the valley, I felt something  
flutter  
> in at my feet. I thought it was a piece of plastic or something but when  
I  
> looked down, I realized it was a dove. It sat there and worked its way  
from  
> the under the rear of the Discovery to under the front never leaving the  
> shade.... for at least 15 minutes. I guess when there's no shade for  
miles  
> around, you can't be too picky about the company you keep.  
>  
> I enjoyed this trip so much, it started me thinking about a trip on a much  
> grander scale.... I have friends who did a 'round-the-world' trip last  
year  
> (see <http://www.aroundtheworld1999.com/> ) and it seems like maybe it's a  
> good goal to set. Or maybe from South America to northern Canada. Got to  
> have dreams right?!

>  
> Cheers,  
> Gerry Elam, K7LR0  
> PHX AZ  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 00:29:16 -0400  
> From: Scott Bauer <w3cv@pcbank.net>  
> To: qrp-l@lehigh.EDU  
> Subject: [78949] RE: USSR Prefix/Suffix Map -- for DX'rs only  
> Message-ID: <4.2.0.58.20000907002504.009bf380@mail.pcbank.net>  
> Mime-Version: 1.0  
> Content-Type: text/plain; charset="us-ascii"; format=flowed  
>  
> Hi Folks, I have the same map and agree with Ade. It is worth  
> every penny and more. Get yours while they last!!  
>  
> Scott W3CV  
>  
> At 10:41 PM 9/6/2000 -0500, you wrote:  
> >Hi gang:  
> >  
> >Perhaps a few of you might be interested in a huge printed map with  
> >all the latest prefixes/suffixes and CQ zones etc. I worked August  
> >ES1WN several times on 30m and finally got his QSL which included  
> >a note that his "life's work" (the map) was available for something  
> >like \$15 U.S. Got it today and not enough room to actually spread it  
> >out on the desk (20" high by several feet wide). But, there the stuff  
> >was that I never had the slightest inkling about -- where's UA0F--,  
> >or UA9I-- ? When I have a bit of free time, I'm going to match up

> >the USSR stns in my log with locations.  
> >  
> >If you want one of these, send \$15 to:  
> >  
> >August Parn  
> >Box 1649  
> >Tallinn 6  
> >Estonia  
> >  
> >8 great-looking stamps on the mailing tube as well!  
> >  
> >I received QSL #104 today -- VP6BR, Pitcairn!  
> >  
> >XF1/F6BUM has been running on 10103.8 since 0245 when I caught him  
> >tuning up and nailed him. He's showing up the last couple of nights  
> >around 0200-0230. Check it out!  
> >  
> >72, Ade  
>  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 00:46:10 -0400  
> From: Pete Burbank <plburbank@kih.net>  
> To: <qrp-1@Lehigh.EDU>n2apb@erols.com  
> Subject: [78950] Re: Chas Kitchen Regen etc  
> Message-ID: <3.0.32.20000907004605.008ec770@kih.net>  
> Mime-Version: 1.0  
> Content-Type: text/plain; charset="us-ascii"  
>  
> At 11:53 PM 9/6/00 -0400, you wrote:  
> >Just a quick follow-up to the posting I made yesterday concerning some  
> >problems I was having getting the "Simple Regen Radio" from Charles  
Kitchen,  
> >N1TEV working in the Manhattan-style construction form.  
> >  
> >Well, with some good advice received from some list members here, and  
> >especially some detailed tips from Charles himself, I now have a couple  
of  
> >Boy Scouts down here in the shack bouncing off the walls hearing some  
nice,  
> >strong short wave broadcast stations for the first time! What a  
beautiful  
> >sounding receiver.  
>  
> Dear George.  
> IMHO the posts you received would be of great interest to many on the  
list.

> Could you post a summary of the suggestions? eg Charles Kitchens  
> thoughts.  
> I'm sure this topic is legal and much more interesting than  
> solder stations.  
> 73 Pete NV4V  
>  
> -----  
>  
> Date: Wed, 6 Sep 2000 22:43:35 -0600  
> From: "Marshall Emm" <mgemm@mtechnologies.com>  
> To: qrp-l@lehigh.edu  
> Subject: [78951] FOX: Summer Fox Hunt Final Results!  
> Message-ID: <39B6C897.7844.1B153B7@localhost>  
> MIME-Version: 1.0  
> Content-type: text/plain; charset=US-ASCII  
> Content-transfer-encoding: 7BIT  
>  
> The results of the QRP-L Summer 20M Fox Hunt have been posted on the web  
site  
> at <http://www.cqc.org/sfox>, and I'll append them to this for those who  
can't  
> get to the web.  
>  
> I will make some detailed comments later, but for the moment will let the  
> results speak for themselves.  
>  
> First.... the Foxes:  
>  
>           QRP-L SUMMER 20 Meter FOXHUNT  
>  
>                               Final Results:  
>                               The Foxes...  
>  
>                               After Hunt Number 20  
>  
> Callsign   First Hunt   Second Hunt   Total  
>  
>  
> K0EVZ       69       42       111  
> AE2T        63       76       139  
> N5TW        68       75       143  
> WJ1R        53       88       141  
> W8RU        56       77       133  
> N4ROA       63       60       123  
> N0UR        73       75       148  
> K7QO        30       -        30  
> N1FN        92\*     92       184   Top Fox  
> NW7DX       72     91\*       163

> AJ4Y                -        61\*                61  
>  
> -     did not run  
> \*     one of two foxes on at same time  
>  
> Total pelts issued: 1376  
>  
> And now..... the Hounds Results:  
>  
>  
>                                QRP-L SUMMER 20 Meter FOXHUNT  
>  
>                                Final Results:  
>                                The Hounds  
>  
>                                After Hunt Number 20  
>  
> 20 Foxes worked in 20 Hunts-- PERFECT SCORE!  
>  
> The three Perfect Score Hounds have been ranked using their Golf Score,  
> based on how quickly (minutes elapsed in the hunt) they worked each Fox.  
>  
>                                1. K0EVZ        Grand Champion!  
>  
>                                2.  AJ4Y  
>  
>                                3.  AE9F  
>  
>  
> The following groups of hounds are shown in alphabetical order, but will  
be  
> Golf Score ranked for purposes of awards.  
>  
>  
> 19 out of 20  
> K6VNX  
> N1FN  
> NW7DX  
> VA6RF  
> W7ILW  
> WJ1R  
>  
> 18 out of 20  
> K5DI  
> N5TW  
> NK7M  
>  
> 17 out of 20

> AF4PS  
> AJ4AY  
> K5AAR  
> N4ROA  
> NQ7X  
> W0CH  
>  
> 16 out of 20  
> K5OI  
> KA1DDB  
> N1TP  
> N5IB  
> N6WG  
> W5YR  
> WA7SPY  
>  
> 15 out of 20  
> K7TQ  
> N5ZE  
> NV4V  
>  
> 14 out of 20  
> AF5Z  
> K1QM  
> KC1FB  
> N0UR  
> VE5RC  
> VE5VA  
> VE7SL  
> W5YW  
> WD5CMA  
>  
> 13 out of 20  
> AA7EQ  
> AF4LQ  
> NK6A  
> WS4S  
>  
> 12 out of 20  
> K9IUA  
> KG4BIG  
> W2XN  
>  
> 11 out of 20  
> AA5UN  
> K5LN  
> K7QO  
> N5IW



> N6MM  
> W7MD  
> W7QQQ  
> W8DIZ  
>  
> 10 out of 20  
> K8CV  
>  
> 9 out of 20  
> AG0T  
> KB1ENS  
> KB7WW  
>  
> 8 out of 20  
> KI0II  
> KM5VY  
> N0RC  
> N9AW  
> NK9G  
> NM5M  
> W4EN  
> W6BAB  
>  
> 7 out of 20  
> K5JHP  
> K5ZTY  
> KA5T  
> N8IE  
> W4NJK  
> WB8RCR  
>  
> 6 out of 20  
> AB8DF  
> AF4PP  
> K2ZN  
> K5DW  
> KA9TXE  
> KF2P  
> KK5LD  
> N5GLQ  
> N9SE  
>  
> 5 out of 20  
> K0FRP  
> K3NY  
> K5TR  
> K5UP  
> K8ZT

> KB9BVN  
> N1ODL  
> N4SO  
> N5FC  
> N5GJQ  
> N7CQR  
> W0AV  
> W0HEP  
> W6ABC  
> W9UQB  
> WB0HQV  
>  
> 4 out of 20  
> AB0CD  
> AE2T  
> K0CO  
> K5BGB  
> K5EOA  
> KI0RB  
> KK6MC  
> N6NU  
> NN5B  
> VA7NT  
> W0RW  
> W3CD  
> WB6JBM  
>  
> 3 out of 20  
> K0PC  
> K1CL  
> K4LKL  
> KE1LA  
> KK7GG  
> KQ5U  
> KU7Y  
> N3WT  
> N4HAY  
> N7XY  
> VE5QRP  
> VE6JAZ  
> VE9GM  
> W1RO  
> W3ERU  
> W4EEX  
> WA0SXV  
> WZ2T  
>  
> 2 out of 20

- > AA0B
- > AA0ZZ
- > AC7AC
- > AC7CF
- > AD6JY
- > AK1P
- > JR1NKN
- > K0SQ
- > K0Y0
- > K1JD
- > K1MG
- > K4AVX
- > K4LL
- > KA8LLE
- > KB7MBI
- > KB7N
- > KD5CMN
- > KD6VIO
- > KD7CTF
- > KF2DA
- > KG4IKQ
- > KU4AF
- > N0TK
- > N0TU
- > N1TM
- > NA6E
- > VE3ZBU
- > W0JOE
- > W0UFO
- > W1II
- > W1XT
- > W2RBA
- > W5JAY
- > W6ZH
- > W7VP
- > W8RU
- > WA4QDM
- > WA9PWP
- > WB5QYT
- > WD4OJY
- > WD9IFF
- > WE7G
- >
- > 1 out of 20
- > AA2MT
- > AA6AV
- > AA8IV
- > AA9IV

- > AB0GO
- > AB7MY
- > AC4HF
- > AC7AX
- > AE4MU
- > AE9K
- > AF4S
- > F5JD
- > HP1AC
- > K0EPK
- > k0QD
- > K0ZK
- > K1LOG
- > K4AO
- > K4GZZ
- > K5AX
- > K5KW
- > K5PSH
- > K5QLF
- > K6III
- > K6WG
- > K7FD
- > K7UD
- > K8BBM
- > K8XF
- > KA0ERU
- > KA4LBD
- > KB2SWY
- > KB3CRT
- > KB5MHS
- > KB6FPW
- > KC5MC
- > KC5NT
- > KC7TUP
- > KD7AEE
- > KD7KTF
- > KF6RMK
- > KG7PV
- > KI0MZ
- > KM4LS
- > KN6YD
- > KQ0I
- > KR5C
- > KT3A
- > KW3U
- > KW7D
- > KX3X
- > N0AR

- > N0MF
- > N0RZ
- > N1KI
- > N1TR
- > N1YJ
- > N2CQ
- > N3LAZ
- > N5IG
- > N5JI
- > N5MX
- > N5NF
- > N5UW
- > N6GA
- > N6TUU
- > N6XU
- > N7CEE
- > N8ME
- > N8NRG
- > N9BOR
- > N9QIL
- > NA1XX
- > NC9O
- > NF0R
- > NI0A
- > NP3D
- > NR0NR
- > NR1DX
- > NT2A
- > NU0V
- > PY2CWS
- > SM4BNK
- > SM4MWJ
- > VE3JC
- > VE3VRA
- > VE3VX0
- > VE7BGP
- > W0CP
- > W0CQC
- > W0HEM
- > W1CFI
- > W1HUE
- > W2APF
- > W2KJ
- > W2ZGB
- > W3BBO
- > W4SI
- > W4WLG
- > W6ASH

> W6CJ  
> W7  
> W7AQK  
> W7HLO  
> W7HQJ  
> W7HR  
> W7QC  
> W7ZOI  
> W8HRQ  
> W9DYG  
> WA4DOU  
> WA4GIJ  
> WA6HZY  
> WA8BXN  
> WA8KOQ  
> WB0JNR  
> WB5GWB  
> WB8YYY  
> WQ0RP  
> WT6P  
>  
> 288 Hounds collected 1376 Fox pelts.  
>  
> Congratulations to all of the Foxes and Hounds, and good luck in the next  
> hunt!  
>  
> For The QRP-L Summer Foxhunt Committee,  
> N1TP, K0EVZ, K1MG, N1FN  
> -----  
>  
>  
> Marshall Emm, N1FN  
> Milestone Technologies, Inc.  
> (303) 752-3382  
> <http://www.mtechnologies.com>  
>  
> -----  
>  
> Date: Wed, 6 Sep 2000 21:58:04 -0700 (PDT)  
> From: Steve Yates <aa5tb@yahoo.com>  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Subject: [78952] Re: The End of it ALL  
> Message-ID: <20000907045804.15929.qmail@web3002.mail.yahoo.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
>  
> I don't get it.  
>

>  
> --- "Karl F. Larsen" <k5di@zianet.com> wrote:  
>  
> "...I'm an Electrical Engineer and can prove some recommended antenna's,  
tuners and baluns and  
> such are not the best."  
>  
> "Since this list has it's own Experts on antenna's, tuners, radios and  
electronic keyers I have  
> nothing to say."  
>  
>  
>  
>  
>  
>  
> -----  
> Do You Yahoo!?  
> Yahoo! Mail - Free email you can access from anywhere!  
> <http://mail.yahoo.com/>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 01:21:44 -0400 (EDT)  
> From: Bob Patten <n4bp@bc.seflin.org>  
> To: Bill Coleman AA4LR <aa4lr@radio.org>  
> Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: [78953] Re: NA Sprint  
> Message-ID: <Pine.3.89.10009070100.A19334-0100000@bc.seflin.org>  
> MIME-Version: 1.0  
> Content-Type: TEXT/PLAIN; charset=US-ASCII  
>  
> On Wed, 6 Sep 2000, Bill Coleman AA4LR wrote:  
> >  
> > While the NA Sprint is fun, fast and furious, you should be aware that  
> > most participants are QRO, or as QRO as they can get. It's hard enough  
> > doing the sprint with 100 watts, but with QRP, it can be really  
> > frustrating.  
> Actually, the format of the NA Sprint is quite QRP friendly. The fact  
> that QRO stations cannot sit on a freq and run stations is a great  
> equalizer. I did the first NA Sprint this year (there are two per year)  
> with QRP and averaged better than 40 Q's per hour. I really did feel  
> comfortable running 5W in along with the 1500W guys. Unfortunately,  
> there is no separate category for QRP though...  
> >  
> > The NA QSO Party, which occurs in August and January, is a much better  
> > equalizer, since all participants must run 100 watts or less. Better  
> > chance for the QRP ops.  
> Also QRP friendly, but not necessarily any more so than the sprints.

>  
> 73,  
> , ' ' ' ,  
> Bob Patten, N4BP ( 0 0 ) Plantation, FL  
>

-----o00o-( )-o00-----

---  
>  
> E-Mail: n4bp@bc.seflin.org  
> Web Page: <http://www.qsl.net/n4bp>  
> Brass Pounder BBS: (954) 472-7715  
> QRP ARCI #3412 ARS #799 SOC #1 Whiners #6  
>  
>

> -----

>  
> Date: Wed, 6 Sep 2000 22:21:23 -0700  
> From: "K7FD-N7SG" <cqdx@teleport.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Subject: [78954] Homebrew Pic's: LED SWR n' Transmatch  
> Message-ID: <002101c0188b\$77fc0620\$66231ad8@default>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
> Please take a moment and check out the handi-work of Dee, K7UD. His  
> projects/photo's are featured in this week's Members on the Move at:  
>  
> <http://www.teleport.com/~cqdx/qrpclub.htm>  
>  
> Taking a cue from articles featured in the ARS Sojourner, he's put his own  
> twist on a nifty LED SWR indicator and a compact transmatch...good stuff!  
>

> 73 John K7FD  
>  
>  
>  
>  
>  
>  
> -----

>  
> Date: Wed, 06 Sep 2000 22:34:36 -0700  
> From: Don Minkoff <cowchip@mediaone.net>  
> To: qrp-l@Lehigh.EDU  
> Subject: [78955] portable Maui with K2  
> Message-ID: <39B728EC.DA318CD@mediaone.net>  
> MIME-Version: 1.0



> Content-Type: text/plain; charset=us-ascii  
> Content-Transfer-Encoding: 7bit  
>  
> Just wanted to let the list know that I will be KH6/NK6A for the next 8  
> days from Maui. This will be my first portable operation for me from  
> Hawaii and the first with my K2. I plan to be on 20M and 30M but will  
> try other bands as conditions warrant.  
> I probably will be on after 0400Z and early morning.  
>  
>  
> --  
> Don Minkoff - NK6A  
> QRP-L 1217  
> K2# 1217  
> QRP-ARCI #4826  
>  
>  
>  
>  
>  
>  
> -----  
>  
> Date: Wed, 6 Sep 2000 22:35:46 -0700  
> From: "Alan Kaul" <alan.kaul@worldnet.att.net>  
> To: <qrp-l@lehigh.edu>  
> Subject: [78956] OT: NASA Studying sunspots at sunspot maximum  
> Message-ID: <000601c0188d\$7a870be0\$98c3480c@default>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
> I though list-members who are interested in propagation and sunspots might  
be  
> interested in the following item from NASA's Jet Propulsion Laboratory.  
>  
> Alan Kaul, W6RCL, LaCanada, CA  
> w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>  
> -----Original Message-----  
> From: JPLNews@jpl.nasa.gov <JPLNews@jpl.nasa.gov>  
> To: undisclosed-recipients:; <undisclosed-recipients:;>  
> Date: Wednesday, September 06, 2000 10:34 AM  
> Subject: Ulysses studies the Sun's polar cap at sunspot maximum  
>  
>  
> >MEDIA RELATIONS OFFICE  
> >JET PROPULSION LABORATORY

> >CALIFORNIA INSTITUTE OF TECHNOLOGY  
> >NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
> >PASADENA, CALIF. 91109 TELEPHONE (818) 354-5011  
> ><http://www.jpl.nasa.gov>

> >Contact: Martha J. Heil (818) 354-0850

> >FOR IMMEDIATE RELEASE September 6, 2000

> >ULYSSES STUDIES THE SUN'S POLAR CAP AT SUNSPOT MAXIMUM

> > The Ulysses spacecraft, on a mission to explore the Sun at  
> >extreme latitudes, today begins its investigation of the Sun's  
> >south polar region. This will be the second time Ulysses has  
> >passed under the Sun, but this time the glowing orb will look and  
> >act very differently because the Sun has reached solar maximum, a  
> >time of heightened activity.

> > Ulysses was able to assess the Sun during the relatively  
> >quiet solar minimum between 1994 and 1996. Now it will fill in  
> >the gaps with observations during the solar maximum, thus  
> >completing observations during a full sunspot cycle of 11 years.

> > "Ulysses has been making continuous observations of the Sun  
> >and heliosphere for the last 10 years," said the U.S. project  
> >scientist for Ulysses, Dr. Edward Smith of NASA's Jet Propulsion  
> >Laboratory, Pasadena, California. "The scientists involved are  
> >still as enthusiastic as ever and are looking forward to  
> >discovering lots of new things as the Sun acts up."

> > Scientists are interested in learning about sunspots, solar  
> >flares and coronal mass ejections, chunks of the Sun's outer  
> >atmosphere that blow off into space and can strike the Earth,  
> >causing aurorae and interrupting satellite communications.

> > The scientific investigations on Ulysses are studying the  
> >Sun's corona, its gaseous outer atmosphere, which extends far  
> >beyond the orbit of Earth. This gas moves outward through the  
> >solar system at high speed, and therefore is called the solar  
> >>wind. In addition to affecting Earth and other planets, this wind  
> >pushes the gas and dust that occupies the space between the stars  
> >out of the solar system and forms a "bubble" in the interstellar  
> >medium called the heliosphere. In spite of the Sun's effort to  
> >keep out interstellar matter, some of the gas and dust penetrates  
> >the bubble and is found throughout the heliosphere. A major goal  
> >of Ulysses is to study incoming cosmic rays -- nuclei of atoms  
> >travelling at nearly the speed of light -- and how they interact  
> >with the solar wind.

> >  
> > During its first passage over the Sun's poles at solar  
> >minimum, Ulysses showed that there are two kinds of solar wind --  
> >slow wind near the equator and very fast wind near the poles.  
> >Ulysses has found that although the Sun's magnetic field is  
> >strongest near the poles, as the solar wind pushes it outward,  
> >the magnetic field eventually has the same strength over the  
> >equator as over the poles. The spacecraft will measure the  
> >magnetic field around the Sun and the ions emanating from it. It  
> >will try to find out how changes in the strength and direction of  
> >the magnetic field affect both the solar wind, coming from the  
> >Sun, and the cosmic rays, coming toward the Sun.

> >  
> > During the previous solar polar passes, scientists had  
> >expected to find that the cosmic rays would be funneled toward  
> >the poles by the Sun's magnetic field. But this wasn't what they  
> >found, at least not during solar minimum. Will this be the case  
> >during solar maximum? The Ulysses team hopes to find out.

> >  
> > Ulysses is the only spacecraft to reach such high solar  
> >latitudes. Most spacecraft -- like the planets -- move around  
> >the Sun in slightly tilted planes, compared to the Sun's equator.  
> >Ulysses has gone well above the solar equator, as far as 80  
> >degrees north and south solar latitudes -- equivalent on Earth to  
> >traveling from the northern tip of Greenland to Antarctica in the  
> >south.

> >  
> > Ulysses, launched in 1990, is a joint venture of NASA and  
> >the European Space Agency. JPL manages Ulysses for NASA's Office  
> >of Space Science, Washington, D.C. More information on the  
> >Ulysses mission is available at the JPL Ulysses website:  
> ><http://ulysses.jpl.nasa.gov> and the ESA Ulysses website,  
> ><http://helio.estec.esa.nl/ulysses/> .

> >  
> > #####

> >9/6/00MJH  
> >#2000-086

> >  
> >-----  
> >You are subscribed to JPL's news mailing list. To unsubscribe,  
> >please send an e-mail to [JPLNews@jpl.nasa.gov](mailto:JPLNews@jpl.nasa.gov) and in the body  
> >of the message include the following line.

> >  
> >unsubscribe news  
> >  
> >Please do not reply to this e-mail.  
> >For help, send a message to [listmaster@www.jpl.nasa.gov](mailto:listmaster@www.jpl.nasa.gov).  
> >

>  
>  
> -----  
>  
>  
> Date: Thu, 07 Sep 2000 07:37:12 GMT  
> From: "Leon Heller" <leon\_heller@hotmail.com>  
> To: cqdx@teleport.com, qrp-1@Lehigh.EDU  
> Subject: [78957] Re: Homebrew Pic's: LED SWR n' Transmatch  
> Message-ID: <F64QTGpaoG1VRIjn04x00004776@hotmail.com>  
> Mime-Version: 1.0  
> Content-Type: text/plain; format=flowed  
>  
>  
> >Please take a moment and check out the handi-work of Dee, K7UD. His  
> >projects/photo's are featured in this week's Members on the Move at:  
> >  
> ><http://www.teleport.com/~cqdx/qrpclub.htm>  
> >  
> >Taking a cue from articles featured in the ARS Sojourner, he's put his  
own  
> >twist on a nifty LED SWR indicator and a compact transmatch...good stuff!  
>  
> The current issue of RadCom has a PIC-based "ATU" design.  
>  
>  
> 73, Leon  
>  
> --  
> Leon Heller, G1HSM  
> Tel (work): +44 1327 357824 Tel (mobile): +44 79 9098 1221  
> InfraRed Integrated Systems Ltd., Towcester Mill, Towcester, Northants.,  
> NN12 6AD, United Kingdom.  
> Email:leon\_heller@hotmail.com  
> Web page: <http://www.geocities.com/SiliconValley/Code/1835>  
>  
>  
>  
>  
>  
>  
> -----  
> Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.  
>  
> Share information about yourself, create your own public profile at  
> <http://profiles.msn.com>.  
>  
>  
> -----  
>

> Date: Thu, 07 Sep 2000 20:53:23 +1000  
> From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
> To: k5di@zianet.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Subject: [78958] Re: The End of it ALL  
> Message-ID: <39B773A2.8DF51F6E@integritynet.com.au>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=iso-8859-1  
> Content-Transfer-Encoding: 8bit  
>  
> "Karl F. Larsen" wrote:  
>  
> > Every time I write a message to the QRP-L List I receive several  
> > e-mails from irate members that know far more about the subject than I  
> > and want me to agree that they are the "TRUE" experts. They take a  
message  
> > I wrote and expand on it and show how in the expanded case I am full of  
> > s...  
>  
> Karl,  
>  
> Over a period of time I have come to respect and enjoy your posts to this  
> list.  
>  
> In recent times I have become increasingly disturbed by posts from people  
> feeling they are being "hounded" away from our most valuable list. I am at  
a  
> total loss to understand what is going on.  
>  
> This list is one of the most valuable technical resources I know of. There  
is  
> ample room for informed robust opinion.  
>  
> I do know that the posts from people whom I admire and certainly respect  
are  
> becoming increasingly less frequent. That is our collective loss.  
>  
> Disparaging emails, private or public have no place here whatsoever.  
>  
> I can recall personally a number of times I have technically disagreed  
with  
> posts made to QRP-L only to be subsequently proven soundly wrong. Thank  
God I  
> wasn't stupid enough to respond either privately or in public.  
>  
> Point in fact, today a kind soul who is a ham, pointed out a glaring  
manifest  
> error on my latest web site. Was it a snide comment? No, in the true  
spirit of

> ham radio he was kind enough to draw my attention to the fact... "Did I  
> consider....  
>  
> Of course I was, in this instance, in error and it being drawn to my  
attention  
> in the most courteous terms I could only feel grateful for a person  
offering  
> help. Errors do occur.  
>  
> However, I have this ongoing feeling that the spirit of QRP-L in  
particular  
> and, ham radio in general is being "trashed" here. I don't understand why.  
>  
> I consider myself most fortunate. Through this list I have forged many,  
nay a  
> veritable great, great many, enduring friendships across many nations. I  
owe  
> so much to so many who have consistently offered practical help, advice,  
> guidance whenever needed it. Truly I sincerely believe my life has been  
> greatly enriched by so many the people on this list.  
>  
> So what is our problem?  
>  
> Why did Karl feel moved to write what he did?  
>  
> Why don't the "greats" contribute so much anymore?  
>  
> We better find answers. This list is too precious a resource, firstly in  
human  
> terms and secondly in technical terms.  
>  
>  
> 72/73's  
>  
> Ian Purdie Budgewoi N.S.W. Australia - Co-ords S33 14', E151 34'  
> My FREE Newsletter: <http://www.electronics-tutorials.com/subscribe.htm>  
> VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91  
> URL - <http://www.electronics-tutorials.com/>  
>  
>  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 21:05:29 +1000  
> From: "Ian C. Purdie VK2TIP" <[ianpurdie@integritynet.com.au](mailto:ianpurdie@integritynet.com.au)>  
> To: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
> Subject: [78959] Re: The End of it ALL  
> Message-ID: <39B77678.97C6AC52@integritynet.com.au>

> MIME-Version: 1.0  
> Content-Type: text/plain; charset=iso-8859-1  
> Content-Transfer-Encoding: 8bit  
>  
> Following on from my earlier post might I be permitted to add:  
>  
> "Personally, on this list I have always been treated with the utmost  
> respect and dignity - friendly chiding aside".  
>  
> That to me, is the enduring spirit of ham radio which builds bridges  
> across nations.  
>  
> 72/73's  
>  
> Ian Purdie Budgewoi N.S.W. Australia - Co-ords S33 14', E151 34'  
> My FREE Newsletter: <http://www.electronics-tutorials.com/subscribe.htm>  
> VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91  
> URL - <http://www.electronics-tutorials.com/>  
>  
>  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 07:22:43 -0400  
> From: neil tanner <ntan@crosslink.net>  
> To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
> Subject: [78960] nw20 testing...  
> Message-ID: <39B77A83.1BD6921F@crosslink.net>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
> Content-Transfer-Encoding: 7bit  
>  
> Greetings....  
> I will be testing the HB NW20 this evening at 10pm edt around 14060  
> +/-.....I am not sure if the xmit osc is on the "wrong side" so unless I  
> actually work someone, I will just send the name of my boat, after a  
> series of "v's". I will be one for about 30 min....if we don't make a  
> qso but you have copied me, please let me know how it sounded...tnx  
> 72 neil wa4chq  
>  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 07:55:11 -0400  
> From: Ken Newman <N2CQ@citnet.com>  
> To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org  
> Subject: [78961] CONTEST: QRP Contesting Sept 9/10  
> Message-ID: <3.0.6.32.2000090707075511.007d78d0@mail.citnet.com>

> Mime-Version: 1.0  
> Content-Type: text/plain; charset="us-ascii"  
>  
>  
> ~~~~~  
>  
> QRP CONTEST CALENDAR  
>  
> September 9/10, 2000  
>  
> ~~~~~  
>  
> Worked All Europe DX Contest (SSB)  
>  
> Sep 09 - 0000z to Sep 10 - 2400z  
>  
> Rules: <http://www.sk3bg.se/contest/waedxc.htm>  
>  
> ~~~~~  
>  
> ARRL September VHF QSO Party (All) ... QRP Portable Category  
>  
> Sep 09 - 1800z to Sep 11 - 0300z  
>  
> Rules: <http://www.arrl.org/contests/announcements/rules-09vhf.html>  
>  
> ~~~~~  
>  
> ARS - Top of the World "Happening" (All) \*\*\* QRP Field Event  
>  
> Sep 09 - 1800z to Sep 11 - 0300z  
>  
> Rules: [http://www.natworld.com/ars/pages/top\\_of\\_the\\_world/top\\_rules.html](http://www.natworld.com/ars/pages/top_of_the_world/top_rules.html)  
>  
> (Linked to ARRL September VHF QSO Party)  
>  
> ~~~~~  
>  
> Second Operator Club Marathon (CW) \*\*\* QRP Contest \*\*\*  
>  
> Sep 09 - 1800z to 2400z  
>  
> Rules: <http://www.arrl.org/contests/months/sep.html>  
>  
> ~~~~~  
>  
> NA Sprint (CW)  
>



```

> Sep 10 - 0000z to 0400z
>
> Rules:
> http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=sprintrules1
>
> ~~~~~
>
> End of Summer PSK-31 Sprint *** QRP Contest ***
>
> Sep 10 - 2000z to 2400z
>
> Rules: http://personal.palouse.net/rfoltz/arci/psk31.htm
>
> ~~~~~
>
> AND LATER .....
>
> ~~~~~
>
> NA Sprint (SSB)
>
> Sep 17 - 0000z to 0400z
>
> Rules:
> http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=sprintrules1
>
> ~~~~~
>
> Washington State Salmon Run (CW/SSB) ... QRP Category
>
> Sep 16 - 1600z to Sep 17 - 0700z
> Sep 17 - 1600z to Sep 17 - 2400z
>
> Rules: http://www.wwdxc.org/salmonrun/rules.htm
>
> ~~~~~
>
> Scandinavian Activity Contest (CW) ... QRP Category
>
> Sep 16 - 1200z to Sep 17 - 1200z
>
> Rules: http://www.sk3bg.se/contest/sacnsc.htm
>
> ~~~~~
>
> QRP Afield (CW/SSB/Digital) *** QRP Contest ***
>
> Sep 16 - 1800z to Sep 17 - 1800z (Any 8 hours)

```

>  
> Rules: <http://www.qsl.net/wq1rp/contests.00>  
>  
> ~~~~~  
>  
> Tennessee QSO Party  
>  
> Sep 17 - 1800z to Sep 18 - 0100z  
>  
> Rules: <http://www.k4ro.net/tcg/tqp/tqp99fin.html#rules>  
>  
> ~~~~~  
>  
> CQWW RTTY DX Contest ... QRP QRM  
>  
> Sep 23 - 0000z to Sep 24 - 2400z  
>  
> Rules: <http://www.arrl.org/contests/months/sep.html>  
>  
> ~~~~~  
>  
> Scandinavian Activity Contest (SSB) ... QRP Category  
>  
> Sep 23 - 1200z to Sep 24 - 1200z  
>  
> Rules: <http://www.sk3bg.se/contest/sacnsc.htm>  
>  
> ~~~~~  
>  
> Alabama Heart of Dixie QSO Party (CW/SSB) ... QRP Category  
>  
> Sept 24 - 1800z to Sept 25 - 0100z  
>  
> Rules: <http://www.qsl.net/kt4xa/aqp/rules.html>  
>  
> ~~~~~  
>  
>  
> Texas QSO Party (All) ... QRP Category  
>  
> Sep 30 - 1400z to Oct 01 - 0500z  
> Oct 01 - 1400z to Oct 01 - 2000z  
>  
> Rules: <http://home.flash.net/~nars/tqpru12000.htm>  
>  
> ~~~~~  
>  
>

> 72 de  
> Ken Newman - N2CQ  
>  
> N2CQ@ARRL.NET            <http://www.NJQRP.org>            <http://www.N3EPA.org>  
>  
>                            <http://www.qsl.net/cqrp/contests.html>  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 07:15:07 -0500  
> From: "Rick Austin" <[radio@capsales.com](mailto:radio@capsales.com)>  
> To: <QRP-L@Lehigh.EDU>  
> Subject: [78962] unsubscribe  
> Message-ID: <006101c018c5\$444b8dc0\$5d9e023f@ricksnote>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
>  
> ----- Original Message -----  
> From: "Rick Austin" <[rickaustin@attglobal.net](mailto:rickaustin@attglobal.net)>  
> To: <QRP-L@Lehigh.EDU>  
> Sent: Thursday, September 07, 2000 7:10 AM  
> Subject: unsubscribe  
>  
>  
> > I am on vacation and I would like to suspend my subscription for qrp-l.  
I  
> > subscribed using my local ISP and I can't send mail from it without  
logging  
> > on by long distance phone. Subscription address: [radio@capsales.com](mailto:radio@capsales.com).  
> Actual  
> > mailbox is [austinr@airmail.net](mailto:austinr@airmail.net).  
> >  
> > I appreciate your help.  
> >  
> > Rick Austin  
> > KD5LAQ  
> >  
> >  
>  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 07:27:57 -0500  
> From: Richard Matthews <[prm@hiwaay.net](mailto:prm@hiwaay.net)>

> To: n2apb@erols.com, qrp-l@lehigh.edu  
> Subject: [78963] Re: Chas Kitchen Regen etc  
> Message-ID: <3.0.1.32.20000907072757.009e8d20@hiwaay.net>  
> Mime-Version: 1.0  
> Content-Type: text/plain; charset="us-ascii"  
>  
> At 11:53 PM 9/6/00 -0400, you wrote:  
> >Just a quick follow-up to the posting I made yesterday concerning some  
> >problems I was having getting the "Simple Regen Radio" from Charles  
Kitchen,  
> >N1TEV working in the Manhattan-style construction form.  
> .....  
>  
> For the ones of us who would like to build but are not good at gathering  
> parts, does anyone offer a components kit for the regen. rcvr? I know that  
> FAR is offering the PC board, but some of the other parts are not readily  
> available to some of us with puny junk boxes.  
>  
> I started to order some of the parts yesterday from DK and quickly ran  
into  
> NOT IN STOCK problems.  
>  
> Anyone have an extra set of components that they would part with ?  
>  
> Richard WA4NWW, in Sequatchee Valley on the banks of the Tennessee river  
in  
> Northeastern Alabama  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 08:49:15 -0700  
> From: "Dave Benson" <nn1g@earthlink.net>  
> To: "Bill Jones" <kd7s@psnw.com>, <QRP-L@lehigh.edu>  
> Subject: [78964] Re: QRP AFIELD Planning  
> Message-ID: <005401c018e3\$55e09bc0\$8e9b2a3f@pavilion>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
> (Long ago and far away in another galaxy....  
>  
> Bill Jones, KD7S, writes):  
> >  
> >I have decided I need another backpacking trip so plan to hike to a  
> >place called Jennie Lake in the Sequoia National Forest here in the  
> >central California Sierra. The primary focus of the trip will be to  
> >operate the QRP AFIELD contest. I will be on 20 meters only with my

> >DSW-20. Of course I will be signing /P Sunday morning. ....  
> -----  
>  
> I'll look forward to working you, Bill. I'll be camped once again in  
> the Green Mountain National Forest in VT and should be on 20 and 40M.  
>  
> My favorite QSO from last year's event was actually an 'after-hours'  
> contact on 40M with Steve Weber, KD1JV. It was pitch-dark, my flashlight  
> had just failed. There was something deeply satisfying about working Steve  
> and knowing that the poor wretch was doing the same thing I was- huddled  
in  
> his sleeping bag for warmth! A couple more random QSOs after that one were  
> logged by the glow of my wristwatch dial- they're a little hard to  
decipher.  
>  
> It's tough to suggest a strategy for making the best of the available 8  
> hours of operating time this year- it's hard to pick one set of times that  
> lets everyone enjoy both local/nighttime QSOs and long-haul contacts. I  
> suspect that the best bets will involve Saturday afternoon, the early  
> evening hours, and a stint on Sunday morning to work the /P stations. I  
> assure you am I not going to be poring over entry logs looking for excess  
> operating time- that falls a little outside of my definition of 'fun'!  
I've  
> set the 8 hour maximum as a balance between a 'sprint' event and an  
> 'ordeal', and I hope this proves to be a good number. Feedback is always  
> welcome, of course- that's how future events of this nature get better.  
>  
> Good luck to all- see you next weekend!  
>  
> 73- Dave Benson, NN1G  
>  
>  
>  
>  
>  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 08:07:10 -0500  
> From: "John Burnley" <burnleyia@home.com>  
> To: <qrp-l@lehigh.edu>  
> Subject: [78965] Club: IAQRP Summer Newsletter available in Word format  
> Message-ID: <000301c018cc\$8869bd40\$1b790818@c149552-a.west1.ia.home.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>

> The Iowa QRP Club's summer newsletter issue is  
> available at the club's FTP site in WORD97 format.  
> We are in the process of getting it converted  
> to PDF format, but because of the  
> amount of graphics the conversion has run into some  
> snags. For those of you not afraid of 4 M downloads,  
> feel free to take a peek at our latest issue. The FTP  
> site is:  
>  
> ftp://divis17.ped-gen.uiowa.edu/pub/iaqrp-l/journal  
>  
> The Summer issue may be downloaded by clicking on  
> the summer2000.doc.  
>  
> Enjoy and please let us know your comments.  
>  
> 72, John NU0V  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 09:21:52 +0100  
> From: "Bob Duckworth" <wb4mnf@atl.org>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Subject: [78966] Asia heard on 40m from NC motel room with 8' wire and  
regen RX  
> Message-ID: <200009071318.JAA23555@hat-trick.atl.org>  
>  
> Copying JA1NUT working the East Coast at a little before 5AM  
> on the old National ACSW-3 with an 8' piece of wire from 2nd floor  
> of 'motel 3, we're half as good as 6'.  
>  
> Just goes to show you, the ionosphere doesn't know the difference  
> between a SUX2000DSP or a 1931 58x58x27 regen box. Nothing  
> like those little glowing heaters and some DX. Fine tuning by hand  
> waving :-)  
>  
> As an aside, I'm moving to KH6 land. Will be there scouting housing  
> the first week in Nov. Any KH6 guys want to get together for a beer  
> and brag about central pacific propagation...  
>  
> -bob  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 09:24:15 -0400  
> From: Bruce Muscolino <w6toy@erols.com>  
> To: prm@hiwaay.net

> Cc: QRP-L@lehigh.edu  
> Subject: [78967] Re: Chas Kitchen Regen etc  
> Message-ID: <39B796FF.5038@erols.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
> Content-Transfer-Encoding: 7bit  
>  
> Richard,  
>  
> One way to cure the puny junkbox syndrome is to build more! When you  
> order parts order one or two extra of those common items like capacitors  
> and resistors. Radio Shack has special buys on resistor sets and small  
> capacitors. They are more than adequate for bradboarding and testing,  
> and are also fine for regular use. Go to Home Depot and buy a few  
> compartmented plastic boxes to store your treasures in. For active  
> devices, you can buy extras but it may prove more useful to buy them as  
> needed. Go to hamfests and look at the tables, lots of good parts to be  
> had there!  
>  
> 73  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 09:12:33 -0500  
> From: "Gary Lee Phillips" <ka9nzi@arrl.net>  
> To: qrp-l@Lehigh.EDU  
> Subject: [78968] Using a TS450S at QRP levels  
> Message-ID: <200009071412.JAA20757@mail.lib.colum.edu>  
>  
> I've been doing this for some time and it does work, but  
> perhaps it isn't the best idea:  
>  
> CW mode. Turn "Power" control all the way down.  
> Adjust "Carrier" control to 5 w. or less on  
> an SWR/Output meter.  
>  
> Normally at this level, the rig's built-in ALC level  
> meter doesn't register at all, though the built-in  
> power and SWR measurements still appear to be working.  
>  
> It works, I've made plenty of contacts including some DX.  
> But I got to wondering about signal quality/purity. I  
> don't have a spectrograph. Has anyone ever checked out  
> a Kenwood being operated at these low levels? I have  
> other "real" QRP rigs, but sometimes it is nice to have  
> RIT, narrow filters, and the dual VFO available.  
>  
> (Kenwood's operating instructions assume, of course, that

> you want the maximum QRO output and tell you how to adjust  
> for that. No advice about what happens if you go the other  
> direction.)  
>  
> -- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>  
> KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg  
> QRP-L #2124 <http://www.qsl.net/ka9nzi/>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 09:34:07 -0500  
> From: "Gary Lee Phillips" <[ka9nzi@arrl.net](mailto:ka9nzi@arrl.net)>  
> To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
> Subject: [78969] Another ground question: DC ground vs. RF ground  
> Message-ID: <200009071434.JAA20891@mail.lib.colum.edu>  
>  
> This is something that I have pondered for years and never  
> found a good answer for. The question about using the ground  
> in the house wiring reminded me of it.  
>  
> We are often advised to ground equipment chassis, bench,  
> etc. to an electrical (not necessarily RF) ground regardless  
> of the type of antenna we are using. Usually the advice is  
> to use a ground rod, separate from the house electrical  
> wiring. This makes sense from a safety standpoint, and would  
> normally provide an acceptable DC ground. It might also limit  
> the damage from a nearby lightning strike (not a direct hit.)  
>  
> While using an end-fed long wire over the past year, I have  
> used a similar arrangement as an RF ground as well (both were  
> essentially combined in one) and it actually has worked much  
> better than I thought it would. Under some weather conditions  
> and at certain wavelengths, the ground was less effective, but  
> I found that raising the power somewhat would overcome the  
> impedance of the ground "system" and lower the SWR to an  
> acceptable level.  
>  
> In July I managed to get a G5RV up into my oak trees. Unhooked  
> the end fed wire from my transmatch and connected the coax  
> from the new antenna instead. The settings on the transmatch  
> changed, of course, mostly to require far less inductance (implies,  
> I think, less capacitive reactance in the antenna system?) and  
> the antenna receives well. However, I seemed to be having some  
> trouble being heard, which puzzled me.  
>  
> Then last week I realized that the ground wire was still connected  
> to the transmatch. A quick look at the circuit diagram confirmed  
> that this meant the ground was directly connected to one side of



> the feed/coax as well. Disconnected that ground, and signal reports  
> improved. However, the transmatch adjustments didn't move when  
> tuning up. I concluded that some percentage of my signal output  
> was leaking away into the ground system.  
>  
> Long explanation, I guess. But the question is this: If a station  
> is connected to a DC ground as often recommended, but using antennas  
> that do not require a separate RF ground (dipole, doublet, yagi,  
> or similar) what is the potential effect of the DC ground on the  
> radiated signal power? If the DC ground has a high impedance at  
> the transmitter frequency and the antenna is a good match, there  
> should be little effect, right? But what if the DC ground just  
> happens also to have a low RF impedance at the operating frequency?  
> The transmitter still may see a low SWR, but what is happening to  
> the signal? My guess is it depends on a lot of variables, but the  
> ERP might drop significantly. Or it might still stay about the same,  
> but the radiation pattern of the system could be affected a great  
> deal by the geometry of the ground/counterpoises.  
>  
> Can any of you shed more light on this issue? As it happens, the  
> ground wire was disconnected from the transceiver I've been using.  
> I should put it back, based on the DC ground/safety recommendation.  
> But the rig chassis is also directly connected to the coax shield  
> which will once again put my possibly low impedance ground system  
> into the antenna circuit...  
>  
> -- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>  
> KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg  
> QRP-L #2124 <http://www.qsl.net/ka9nzi/>  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 08:00:59 -0700  
> From: Bill Jones <[kd7s@psnw.com](mailto:kd7s@psnw.com)>  
> To: [nn1g@earthlink.net](mailto:nn1g@earthlink.net)  
> Cc: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
> Subject: [78970] Re: QRP AFIELD Planning  
> Message-ID: <[39B7ADAB.FDA577D2@psnw.com](mailto:39B7ADAB.FDA577D2@psnw.com)>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
> Content-Transfer-Encoding: 7bit  
>  
> Dave and fellow qrp-l members,  
>  
> Dave Benson wrote:  
>  
> > My favorite QSO from last year's event was actually an 'after-hours'  
> > contact on 40M with Steve Weber, KD1JV. It was pitch-dark, my

flashlight  
> > had just failed. There was something deeply satisfying about working  
Steve  
> > and knowing that the poor wretch was doing the same thing I was- huddled  
in  
> > his sleeping bag for warmth! A couple more random QSOs after that one  
were  
> > logged by the glow of my wristwatch dial- they're a little hard to  
decipher.  
>  
> Operating from a sleeping bag inside a tent after dark can be a challenge,  
for  
> sure. I have pretty much solved the lighting problem by making all my  
trail  
> friendly rigs "glow in the dark." Here's how.  
>  
> I use a computerized drawing program to lay out the front panel markings  
for my  
> homebrew gear. When it's finished I reverse it and print it out on a  
piece of  
> acetate (the kind used to make overhead transparencies). The next step is  
to  
> cut a piece of typing paper to match the size of the transparency. I put  
a  
> coating of glow-in-the-dark paint on the paper. Then I laminate the two  
pieces  
> together using photograph mounting spray adhesive. Finally I glue the  
assembly  
> to the front panel of the transceiver. I have found that a three second  
blast  
> from my flashlight will provide 15-30 minutes of light from the  
> glow-in-the-dark paint.  
>  
> The paint comes from a local art supply store. It is available year round  
but  
> they seem to stock more of it just before Halloween.  
> --  
> -----  
> Bill Jones - KD7S <><  
> Sanger, California  
> <http://www.psnw.com/~kd7s/>  
> -----  
>  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 10:16:28 -0500

> From: "Manager QRP-L" <manager@astro.cc.lehigh.edu>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Subject: [78971] Re: Determining tree height  
> Message-ID: <03a901c018de\$b8b12f80\$0200000a@mcg.net>  
>  
> I'm hoping this thread is already over. I think we've done this one to death!  
> Please no more posts to this.  
>  
> Thanks and 73 de Cla KA0GKC Manager QRP-L  
>  
>  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 11:23:53 -0400  
> From: Todd Nichols <Todd\_Nichols@cree.com>  
> To: <qrp-l@lehigh.edu>  
> Subject: [78972] Re: Stupid question...  
> Message-ID: <0009079683.AA968340215@smtp.cree.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=US-ASCII  
> Content-Transfer-Encoding: 7bit  
> Content-Description: "cc:Mail Note Part"  
>  
> I, too, used to think that it would be OBVIOUS to make the center pin  
> positive and the outer sleeve negative on these little barrel DC power  
> connectors. After all, the sleeve is exposed, and it might touch  
something,  
> and the most probable "something" for it to touch is an exposed chassis,  
> which is almost always ground. But that's not the whole story. You see,  
> for those connectors with a built-in switch, the SLEEVE is switched - NOT  
> the center pin! Now, if you want to switch the positive supply, you have  
> \*no choice\* but to make the sleeve positive and the center pin ground.  
> And the sleeve is switched instead of the center pin purely for mechanical  
> ease and thus economy (of price).  
>  
> You will know why I know all this when the next KnightLites kit comes out  
> :-)  
>  
> (Hope I don't get into trouble with that little teaser...)  
>  
> 72,  
> Todd  
> AG4AY (used to be KB0HQU)  
>  
>  
>

> -----  
>  
> Date: Thu, 7 Sep 2000 08:33:22 -0700 (PDT)  
> From: Steve Yates <aa5tb@yahoo.com>  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Subject: [78973] Re: Another ground question: DC ground vs. RF ground  
> Message-ID: <20000907153322.7810.qmail@web3004.mail.yahoo.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
>  
> Gary,  
>  
> 1. "If a station is connected to a DC ground as often recommended, but  
using antennas that do not  
> require a separate RF ground (dipole, doublet, yagi, or similar) what is  
the potential effect of  
> the DC ground on the radiated signal power?"  
>  
> There should be no effect. RF currents tend to take the path of least  
impedance. The "impedance"  
> that I am talking about is the impedance of the transmission medium which  
is a function of the  
> "loop area" of the circuit. For example, as two conductors are moved  
further apart the impedance  
> increases. The impedance of the two conductors in your transmission line  
will always be lower  
> then the impedance of the feedline/ground "transmission line", assuming  
there is even a path to be  
> taken.  
>  
> A similar effect is seen in circuit board electronics. If a signal is  
carried over a path on a  
> circuit board via a two-wire transmission line (signal and return) and a  
copper ground plane is  
> used and the return wire is tied to this ground plane, the return current  
will tend to flow  
> through the return wire instead of the seemingly low impedance ground  
plane. This is all a  
> function of conductor spacing which determines the path impedance.  
>  
> 2. "If the DC ground has a high impedance at the transmitter frequency and  
the antenna is a good  
> match, there should be little effect, right? But what if the DC ground  
just happens also to have a  
> low RF impedance at the operating frequency?"  
>  
> Since the antennas that you speak of are already complete circuits, there  
is no reason that RF

> current should flow in "DC ground", even if the path to ground is a low impedance.

>

> If there really is an effect on your signal due to this "DC ground" then it is probably due to an

> imbalance in your antenna system and your feedline is also being used as an antenna. Could the

> effect be a perceived effect due to propagation changes during the tests or luck of the draw? A

> switch in the ground connection that can be switched real-time during a QSO may be the only way to

> tell.

>

> 3. "While using an end-fed long wire over the past year, I have used a similar arrangement as an

> RF ground as well (both were essentially combined in one) and it actually has worked much better

> than I thought it would."

>

> In this case, your entire house wiring was probably being used as your antenna's return. The

> impedance between you antenna wire and the house wiring is most likely much lower than the

> impedance between your antenna wire and the dirt. I have a 50' inverted-L and this is the case

> with it. It performs well but every appliance in my house generates RFI that impairs my

> reception. They are all part of my antenna system.

>

> I hope my ramblings made some sense.

>

>

> =====

> 73,

> Steve Yates - AA5TB

> Fort Worth, TX - EM12gs

> <http://www.geocities.com/aa5tb>

> [aa5tb@arrl.net](mailto:aa5tb@arrl.net)

>

> -----

>

> -----

> Do You Yahoo!?

> Yahoo! Mail - Free email you can access from anywhere!

> <http://mail.yahoo.com/>

>

> -----

>

> Date: Thu, 7 Sep 2000 09:51:38 -0600  
> From: "Bruce Kizerian" <kizerian@ced.utah.edu>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Subject: [78974] Re: Chas Kitchen Regen etc  
> Message-ID: <00b301c018e3\$8263df40\$de56d9d8@sarcos.com>  
>  
> > These teens are totally psyched and hooked on this  
> > "radio-thing" upon hearing Radio Czechoslovakia booming in from a radio  
> > that  
> > they built from scratch.  
>  
> > The kids have been listening on this thing for the last couple of hours  
> > straight ... they don't want to leave tonight! And I must admit, the  
> > magic  
> > of this regen has me smitten too!  
> >  
> > 73, George N2APB  
>  
> One of the greatest things about this hobby is the opportunity to share it  
> with youngsters. Once you have their attention--there is so much to  
distract  
> them--they respond with great enthusiasm. Maybe they won't all grow up to  
> become engineers, inventors, etc., or become ham radio operators. But they  
> will remember what you did for them, and the sense of achievement they  
felt.  
> For me, it can't get any better than that.  
>  
> Bruce kk7zz  
>  
>  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 12:04:20 US/Eastern  
> From: n2cx@voicenet.com  
> To: qrp-1@lehigh.edu, njqrp@njqrp.org  
> Cc: n2cx@voicenet.com  
> Subject: [78975] Re: QRP AFIELD Planning  
> Message-ID: <200009071604.MAA222538@nss4.cc.lehigh.edu>  
>  
> Group,  
>  
> I've got a different thought here...  
>  
> While cruising cross country at 30,000 feet or so I saw a magazine  
reference to a  
> pen whose tip was lighted by and LED for writing in the dark. (Shucks, I'm

usually  
> in the dark about \*everything\*)  
>  
> I can think of several legitimate uses.  
>  
> I'm sure we've had a brilliant idea or two while lying in bed at night but  
forgot  
> them by morning. This pen, at the bedside with a pad, could either  
capture our  
> inspiration or prove that in the light of day that we had been suffering  
from a  
> nocturnal chimerical episode.  
>  
> A second possibility is for logging while huddled in a cold sleeping bag  
lying on the  
> wet ground wondering why Dave Benson and the others force us to endure  
such  
> privation for a few marginal contacts. :-0  
>  
> The pen mentioned was about \$20, well beyond my normal discretionary  
> limits for writing implements. Thus I have not yet succumbed to the  
temptation  
> to buy one.  
>  
> So...  
>  
> Has anyone in QRP-land ever tried one of these gadgets and found it  
useful?  
>  
> And, equally as important, where can I get one for beer money?  
>  
> 72/73,  
>  
> Joe E.,  
> N2CX  
>  
>  
> -----  
> This message was sent using Voicenet WebMail.  
> <http://www.voicenet.com/webmail/>  
>  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 09:44:46 -0700 (PDT)  
> From: Monte Stark <ku7y@dri.edu>  
> To: n2cx@voicenet.com

> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Subject: [78976] Re: QRP AFIELD Planning  
> Message-ID: <Pine.GS0.4.10.10009070942570.9578-100000@rotor.dri.edu>  
> MIME-Version: 1.0  
> Content-Type: TEXT/PLAIN; charset=US-ASCII  
>  
> On Thu, 7 Sep 2000 n2cx@voicenet.com wrote:  
>  
> > pen whose tip was lighted by and LED for writing in the dark.  
>  
> OK folks,  
>  
> This has JUST GOT to be the next club kit!  
>  
> :-)  
>  
> 73, Ron  
>  
> .....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
> ....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....  
> .....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....  
> ....Visit my Home Page.....<http://www.qsl.net/ku7y/>.....  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 10:25:37 -0700 (PDT)  
> From: Jim Hale <kj5tf@yahoo.com>  
> To: QRP-L <qrp-l@Lehigh.EDU>  
> Subject: [78977] This Saturdays PSK31 QRP ARCI sprint  
> Message-ID: <20000907172537.20280.qmail@web701.mail.yahoo.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
>  
> Thanks for posting the message Randy. Hopefully allot  
> of the QRP-L folks are ready for it. There are many mW  
> QRP'ers here who will be running low down milliwatts,  
> and shooting for the big multi.  
>  
> QRP-L members can help by posting the contest rules on  
> other ham reflectors. I will be re-posting the rules  
> on at least 2 other reflectors.  
>  
> One thing I will add is that the suggested frequency  
> given (14.070.15) is just a guide.  
>  
> PSK31 contesting is in its youth, and the biggest  
> problem I've seen is too many stns getting too close.



>  
> Hi ! And sometimes in CW QRP contests we all tend to  
> all try to operate exactly on 14.060.0 hi  
>  
> This was the case in this springs PSK31 Rumble. I'm  
> not exactly sure where psk31 begins and ends, but  
> seems like 14.069.5 - 14.071.5.0mHz is ok?  
>  
> Maybe someone has better info and will post it. The  
> bottom line is not to get into areas where other modes  
> are active, and cause QRM. But keep it as close to  
> 14.070 as you can.  
>  
> With many stns running mW power, everyone will need to  
> QRL before CQ'ing. Sometimes we forget.  
>  
> CW is the favorite of most of us here, but psk31 and  
> RTTY QRP are catching on with many QRP'ers. Adds a  
> great flavor to the QRP stew!  
>  
> See you in Saturdays FIRST PSK31 QRP ARCI contest!  
>  
> de Jim KJ5TF  
> "All Milliwatts, All The Time"  
> -----  
> The QRP ARCI reminds you of the PSK-31 contest,  
> End of Summer PSK-31 Sprint, to be held from  
> 2000 Z to 2400 Z on September 10, 2000.  
>  
> Summary of rules:  
>  
> Work stations once. This is a single band 20 m  
> contest.  
>  
> Exchange is RST, State/Province/Country (SPC), ARCI  
> number  
> or power for non-members.  
>  
> QSO Points are 5 for member, 4 for non-member  
> different  
> continent, and 2 for non-member same continent.  
>  
> Multipliers are SPC total.  
>  
> Power multiplier is > 5 w = X1, 1-5 W = X7, 250 mW - 1  
> W =  
> X10, < 250 mW = X15.  
>

> Final score is QSO points X total SPCs X Power  
> Multiplier.  
>  
> Entry categories are single op, multi-op, and DX.  
>  
> Suggested 20 m frequency is 14070.15.  
>  
> Further details at  
> <http://personal.palouse.net/rfoltz/arci/psk31.htm>  
>  
> Use the High Claimed Scores at  
> <http://personal.palouse.net/rfoltz/arci/form.htm> to  
> report  
> your score and soapbox.  
>  
> Send results within 30 days to  
>  
> Randy Foltz  
> 809 Leith St.  
> Moscow, ID 83843  
>  
> or e-mail to [rfoltz@turbonet.com](mailto:rfoltz@turbonet.com).  
>  
> 73,  
> Randy, K7TQ  
> QRP ARCI Contest Chairman  
>  
>  
> =====  
> <http://www.madisoncounty.net/~kj5tf/>  
> Milliwatting Editor ARCI QRP Quarterly  
> Join/renew membership QRP Amateur Radio Club International  
> <http://www.qrparci.org/arcijoin.html>  
> AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
> Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)  
>  
> -----  
> Do You Yahoo!?  
> Yahoo! Mail - Free email you can access from anywhere!  
> <http://mail.yahoo.com/>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 11:12:08 -0600 (MDT)  
> From: "Karl F. Larsen" <[k5di@zianet.com](mailto:k5di@zianet.com)>  
> To: QRP-L List <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
> Subject: [78978] 18 QRP-L People  
> Message-ID: <Pine.LNX.4.10.10009071038450.1028-1000000@cannac.ampr.org>

> MIME-Version: 1.0  
> Content-Type: TEXT/PLAIN; charset=US-ASCII  
>  
>  
> I have received e-mail from 18 people addressed to me and  
> explaining that they too have had bad experiences either with QRP-L or  
> also other "lists". I didn't explain in detail what has bugged me to  
> submission and don't plan to do so. The point is that it's happening to  
> MANY people on this list.  
>  
> It's a fact that what you write comes out far more harsh than you  
> intended. This just happens and is part of the new e-mail and yes even the  
> old packet radio messages.  
>  
> My problem with the QRP-L list goes back to my beginning with the  
> list. I joined while soldering up a new balun. It worked and a new (to me)  
> antenna was born. It seems to work well too. So in complete ignorance I  
> wrote e-mail to the list gushing with enthusiasm over what I had  
> learned, now that I have time to do some measurements. The mail I received  
> was both good, some tried to educate me and suggested reading specified  
> papers written back in the 1980's, and many that just explained how  
> stupid I am to write such things. I'm sure I wrote back to these people in  
> kind and I feel stupid for doing so.  
>  
> The last straw occurred when a QRP-L person asked if anyone has  
> measured the loss through a AT-11 tuner. No-one offered anything so I  
> spent an hour doing a simple experiment that answered my question and the  
> other person as well. I know the AT-11 tuner has loss, but not an  
> excessive  
> amount. So I sent the results to the list. I received messages saying that  
> I didn't run the right test, didn't report it properly, and told me they  
> THOUGHT the tuner loses 80% of the power applied when the load is not 50  
> ohms. I don't care what they think. I wrote nasty e-mails to them and hate  
> myself for doing so.  
>  
> No way can I just sit back and accept this. I know that many  
> people do NOT submit to the QRP-L because they don't want the same thing  
> to happen to them.  
>  
> My solution is to do as many do. They lurk and when an interesting  
> message is found they e-mail the person, not the list, their  
> comments/questions etc. It is true that if all the doers lurk, then  
> nothing good will appear on the list.  
>  
> Yours Truly,  
>  
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
>

>  
> -----  
>  
> Date: Thu, 7 Sep 2000 10:13:04 -0700 (PDT)  
> From: Monte Stark <ku7y@dri.edu>  
> To: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
> Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: [78979] Re: The End of it ALL  
> Message-ID: <Pine.GS0.4.10.10009070948560.9578-1000000@rotor.dri.edu>  
> MIME-Version: 1.0  
> Content-Type: TEXT/PLAIN; charset=US-ASCII  
>  
> On Thu, 7 Sep 2000, Ian C. Purdie VK2TIP wrote:  
>  
>  
> > "Personally, on this list I have always been treated with the utmost  
> > respect and dignity - friendly chiding aside".  
>  
>  
> Hi Folks,  
>  
> Ian has said it well. The above applies to me also and we  
> all know that I often post things that are not in line with  
> what pure theory dictates.  
>  
> We, and I really do mean all of us on this list, gain the  
> most when there are different opinions given. When everyone  
> just aggress with a single idea I feel that we are missing  
> something.  
>  
> BUT....and I'll SHOUT this.....  
>  
> We MUST watch that we don't either post our disagreements  
> using words or phrases that tend to look like personal attacks  
> and at the same time, when we post something to the list, we  
> need to realize that there are 2000-3000 people who just  
> might reply.....and some of the replies might not be worded  
> just the way we would like.  
>  
> So on the sending end you need to take care and read you  
> post before sending it out. Letting something set for a  
> bit before posting really does help!  
>  
> (No need to worry too much about the trivial things like spelling  
> and grammar, it's the content and how it comes across that  
> really counts. This is NOT an English class!).  
>  
> And on the receiving end, realize that there are going to

> always be those who are a bit "direct" in the way they  
> disagree and don't let it get under your skin!  
>  
> I have been on this list since it started and have learned  
> MUCH in that time. Most of it has been from those threads  
> that go back and forth with things like.. "But if you do  
> it this way it does this....." "....True, but when you  
> look at XXX, then it no longer works that way...." and etc.  
>  
> I get messages from people who read this list and will not  
> post anything because they are worried that they will be  
> jumped on by a very small hand full of list members. This  
> should not be the case.  
>  
> Lets all try to improve our posts (and yes, there is plenty  
> of room for mine to improve too!) and to thicken our  
> skins a bit more.  
>  
> Keep in mind that this is just a hobby. No matter who you  
> are, what you do or have done for work, what you have for  
> paper to say how much you should know and etc, you are all  
> just as much an intergal part of this list as anyone else.  
> And you can (and should) post things to this list that others  
> will be glad to see.  
>  
> Oh, did I mention.....we will have one of the F18 Blue Angels  
> planes on our hanger this Sunday/Monday?  
>  
> Wheeeeeeee, working at the air port where the Reno Air Races  
> are held does have some advantages!  
>  
> Thanks for letting me vent a bit.  
>  
> OK, back in my hole....  
>  
> 73, Ron  
>  
> .....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
> ....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....  
> .....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....  
> ....Visit my Home Page.....<http://www.qsl.net/ku7y/>....  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 11:14:16 -0600 (CST)  
> From: Bruce Rattray <rattray@gpfn.sk.ca>  
> To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group

<qrp-1@LeHigh.EDU>  
> Subject: [78980] FOX - Winter Hunt Teams -  
> Message-ID: <Pine.LNX.3.95.1000907110214.6743F-1000000@neale.gpfn.sk.ca>  
> MIME-Version: 1.0  
> Content-Type: TEXT/PLAIN; charset=US-ASCII  
>  
> I'd like to announce that we have the first two Teams assembled and  
> weapons training begun.....  
>  
> The Raiders of the Lost RF -  
>  
> Mary - NA6E  
> Fred - VE3FAL  
> Rob - VE6JAZ  
> Earl - VA6RF  
> Bruce- VE5RC  
>  
>  
> The ScQRPions -  
>  
> Floyd - NQ7X  
> Brian - K7RE  
> Conrad- WS4S  
> Chuck - K7QO  
> Bob - NK7M  
>  
>  
> ..if you form a Team for the Winter 40 mtr Fox Hunt, please e-mail me  
> direct so I can put you on the Teams listing.  
>  
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
> A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"  
>  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 11:30:57 -0600  
> From: "Rod, N0RC" <n0rc@qsl.net>  
> To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion"  
<qrp-1@Lehigh.EDU>  
> Subject: [78981] Re: 18 QRP-L People  
> Message-ID: <010d01c018f1\$657c3e00\$778511d8@zephyr>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit

>  
> Karl, et. al  
> ----- Original Message -----  
> From: Karl F. Larsen <k5di@zianet.com>  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Sent: Thursday, September 07, 2000 11:12 AM  
> Subject: 18 QRP-L People  
>  
>  
> >  
> > I have received e-mail from 18 people addressed to me and  
> > explaining that they too have had bad experiences either with QRP-L  
> > or  
> > also other "lists". I didn't explain in detail what has bugged me to  
> > submission and don't plan to do so. The point is that it's happening  
> > to  
> > MANY people on this list.  
> >  
>  
> The best advice I can offer is, let it go. Life is too short to waste  
> on autocratic individuals who feel they must control others. Place  
> such non-sense in the delete folder, permanently empty that folder, go  
> forward and enjoy life.  
>  
> I've seen this behavior on the internet, in the workplace, in churches  
> (sad ain't it), on repeaters...and as a home owners association  
> president, I had to deal with it.  
>  
> I don't have a ulcer today because I followed the wizard's  
> advice--"Never mind that man behind the curtain"--The Wizard to  
> Dorothy, in The Wizard of Oz.  
>  
> I expect I'll take some heat for this posting, know what I'm going to  
> do? IGNORE IT! ;-) I'm too busy building a K2 for another individual.  
>  
> 'nuff said on this subject, let's get back to mixers, trail friendly  
> rig discussions, PSK-31 contest strategies, rig trouble shooting...and  
> other interesting radio topics.  
>  
> That is all, OO  
> ---  
> 72/3 Rod, NØRC -- Fort Collins, CO  
>  
>  
>  
>  
>  
>

>  
> -----  
>  
> Date: Thu, 7 Sep 2000 13:38:38 -0400  
> From: "Tom Hybiske" <hybiske@drs-fsc-comm.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Subject: [78982] OT - Pullin' up stakes  
> Message-ID: <000601c018f2\$75390fc0\$7368f326@GACNT>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
> I know you guys are saying K3 who? Yes, I'm mostly a lurker, but I wanted  
> to let the list know that I'm shutting down operations, loading the wagons  
> and heading up towards Mike Yetsko's neck of the woods in MA-land. I'll  
be  
> in Framingham for about 9 months in a 4th floor apartment and then hope to  
> settle in the Auburn or Charlton area. (anybody on the list from there?)  
I  
> think the balcony has room for a 10 meter dipole and I'll have plenty of  
> free time to operate so I hope to be back on soon. Looks like I have to  
> start DXCC all over again ;). You might also listen for a 3 call on the  
> area repeaters as I'll certainly have a mag mount stuck to the railing  
> outside. Going to unsubscribe now until I can find an ISP up there (cable  
I  
> hope). Thanks guys and see you soon.  
>  
> 7 3.....Tom, K3GM diddily dah di-dah . .  
>  
>  
>  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 12:51:57 -0500  
> From: "Chuck Carpenter" <w5usj@globeco.net>  
> To: qrp-1@Lehigh.EDU  
> Subject: [78983] QRPers in NE TX  
> Message-ID: <3.0.2.32.20000907125157.008a8ca0@mail.globeco.net>  
> Mime-Version: 1.0  
> Content-Type: text/plain; charset="us-ascii"  
>  
> QRP-Lers,  
>  
> Any QRPers in the NE TX area interested in getting together and comparing  
> notes and assorted QRP experiences?  
>



> A meeting place can be worked out depending on geographical distribution.  
>  
>  
>  
>  
> Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003  
> ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 12:59:45 -0500  
> From: "Manager QRP-L" <manager@astro.cc.lehigh.edu>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Subject: [78984] Re: 18 QRP-L People  
> Message-ID: <049401c018f5\$b5894420\$0200000a@mcg.net>  
>  
> This type of discussion comes under QRP-L list policy and is off topic for  
> this list. I would like to hear from the above 18 QRP-L members to get  
there  
> input. I have also asked Karl for an explanation of what is wrong and  
hope  
> to here from him. If something needs to be done here it should be done  
> through the Manager. So please email your comments or concerns to me  
> privately and keep it off the list. There are 3000 plus people here that  
are  
> looking for QRP information and discussion.  
>  
> Thanks you and 73 de Cla KA0GKC Manager QRP-L  
>  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 13:49:12 -0700  
> From: "Dave Benson" <nn1g@earthlink.net>  
> To: <n2cx@voicenet.com>, "Low Power Amateur Radio Discussion"  
<qrp-l@Lehigh.EDU>  
> Subject: [78985] Re: QRP AFIELD Planning  
> Message-ID: <003601c0190f\$79d6d4a0\$d3962a3f@pavilion>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
> .....  
> -----Original Message-----  
> From: n2cx@voicenet.com <n2cx@voicenet.com>  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

> Date: Thursday, September 07, 2000 9:06 AM  
> Subject: Re: QRP AFIELD Planning  
>  
>  
> <snip>  
> >  
> >A second possibility is for logging while huddled in a cold sleeping bag  
> lying on the  
> >wet ground wondering why Dave Benson and the others force us to endure  
such  
> >privation for a few marginal contacts. :-0  
> >  
> <snip>  
>  
>  
> Think of the secret joy we bring to the rest of the QRP community. ;-)  
>  
> 73- Dave Benson, NN1G  
>  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 19:21:40 +0100  
> From: Euramcom <mel@euramcom.freeseve.co.uk>  
> To: <qrp-1@lehigh.edu>  
> Subject: [78986] 2p worth del escoscia  
> Message-ID: <E13X6S8-0007Mq-00.2000-09-07-19-31-12@cmailg2.svr.pol.co.uk>  
> Mime-Version: 1.0  
> Content-Type: text/plain; charset="iso-8859-1"  
> Content-Transfer-Encoding: quoted-printable  
>  
>  
> On Thu, 7 Sep 2000 10:13:04 -0700 (PDT), ku7y@dri.edu wrote:  
> >On Thu, 7 Sep 2000, Ian C. Purdie VK2TIP wrote:  
> >  
> >  
> >> "Personally, on this list I have always been treated with=3D  
> the  
> >>utmost  
> >> respect and dignity - friendly chiding aside".  
> >  
> >  
> >Hi Folks,  
> >  
> >Ian has said it well. The above applies to me also and we  
> >all know that I often post things that are not in line with  
> >what pure theroy dictates.

> >  
> Hi Gangue,  
>  
> Agree with both Ian and Monte. But it won't stop me putting in=  
> my=3D  
>  
> tuppence worth when I want to!  
>  
> Apart from being a radio amateur, I get paid to=  
> be/do/investigate=3D  
>  
> radio problems, rfi, and repair mobiles, base stations by my  
> employer, one of the major (becoming multi) national utilities.=3D  
> My  
> job includes some data transmission work, both radio based and=3D  
> copper  
> based, and I hold live working tickets and authorisations up to  
> 400kV. Most of the time I enjoy my job and see it as a paid for  
> extension of this (my) hobby, but if you know the CEO of my=3D  
> company,  
> don't tell him that, please.  
>  
> I've also got a small biz going here with some clients for=3D  
> websites,  
> and I do a bit of part time design work for one or two=  
> commercial=3D  
>  
> people. I'm coming up for "early" retirement in about three=  
> years=3D  
> or  
> so, so maybe this will expand to supplement my pension income,=3D  
> who  
> knows? I'm a largely self-taught sort of guy, and I have let=  
> the=3D  
>  
> smoke out of a fair quantity of components over the years. I=  
> now=3D  
> have  
> an OND and an HND qualification with Telecoms biasing.  
>  
> I think what I am trying to say (badly?) is that any comments I=3D  
> make  
> on most things are practical but based on some rule of thumb=  
> type=3D  
>  
> theory, at it's simplest level, something like "in a set of=3D  
> parallel  
> resistors, the total value will always be less than the value=

> of=3D  
> the  
> smallest resistor in the set!" OK? so what, but remember, some  
> newbies out there don't know that, usually 'cos some "oldies"=3D  
> aint  
> told 'em!  
>  
> The list needs guys 'n gals (Sorry Laura and Tracy) who can=  
> make=3D  
>  
> valid contributions FROM THEIR OWN EXPERIENCE, but it doesn't=3D  
> need  
> sharp deprecating comment from those who disagree.  
>  
> Soapbox away, flame suit on! Flame me guys, flame me! I AM=3D  
> worthy!  
>  
> Regards  
>  
> Mel  
>  
>  
>  
> --72 and 73 de Mel Evans, e-mail mel@euramcom.freeseve.co.uk  
>  
> Mel Evans GM6JAG Edinburgh Scotland  
> Home of the last HW9  
>  
> Visit <http://www.euramcom.freeseve.co.uk> for  
> US Euro Ham Radio Equivalent Parts and info,  
> Add-a-Link page let's you add your own pages instantly  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 14:39:32 -0400 (EDT)  
> From: mulveyr@iname.com  
> To: n2cx@voicenet.com  
> Cc: qrp-1@lehigh.edu  
> Subject: [78987] Re: QRP AFIELD Planning  
> Message-ID: <200009071839.0AA25365@mulvey.dyndns.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=US-ASCII  
> Content-Transfer-Encoding: 7bit  
>  
> > Group,  
> >  
> > I've got a different thought here...

> >  
> > While cruising cross country at 30,000 feet or so I saw a magazine  
reference to a  
> > pen whose tip was lighted by and LED for writing in the dark. (Shucks,  
I'm usually  
> > in the dark about \*everything\*)  
> >  
> > So...  
> >  
> > Has anyone in QRP-land ever ttried one of these gadgets and found it  
useful?  
> >  
> > And, equally as important, where can I get one for beer money?  
>  
> Since my other Expensive Hobby is Amateur Astronomy, I've had  
> frequent needs for devices that use little red LED's, to preserve  
> night vision. :-)  
>  
> I've seen other astronomers use illuminated pens for note-taking.  
> You might want to try [www.telescope.com](http://www.telescope.com), [www.astromart.com](http://www.astromart.com), or  
> other similar web sites. I'm sure that one of them will have  
> what you need.  
>  
> - Rich  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 12:05:15 -0700  
> From: "Dan Hogan" <dhhogan@nav.cnchost.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Subject: [78988] Re: 18 QRP-L People  
> Message-ID: <39B7847B.6102.17612DC@localhost>  
>  
> Ok. This did it.  
>  
> When I first joined QRP-L there was the owner, Chuck, and the FOX hunt.  
> Minimum rules on the Llist and NO rules for the Fox Hunt, other than making  
> a contact on the, and it was fun. There was a lot of exchange of  
> information and knowledge on the list. Now we have a list managers,  
> detailed Fox Hunt rules. Ever expanding list rules and regulations and IT  
> AIN'T FUN. When I voiced my displeasure at some of the behavior on the  
> list once before I was invited to leave. I did, but like and idiot I came  
> back.  
>  
> Not this time. I am un-subscribing at the same time as this message goes  
> out. So lucky me I won't see the garbage this may generate.  
>

> So, I'm gone  
>  
> On 7 Sep 2000, at 12:59, Manager QRP-L wrote:  
>  
> > This type of discussion comes under QRP-L list policy and is off topic  
for  
> > this list. I would like to hear from the above 18 QRP-L members to get  
> > there input. I have also asked Karl for an explanation of what is  
wrong  
> > and hope to hear from him. If something needs to be done here it should  
be  
> > done through the Manager. So please email your comments or concerns to  
me  
> > privately and keep it off the list. There are 3000 plus people here  
that  
> > are looking for QRP information and discussion.  
> >  
> > Thanks you and 73 de Cla KA0GKC Manager QRP-L  
> >  
> >  
> >  
>  
>  
> Dan Hogan WA6PBY  
> dhhogan@nav.cnchost.com  
> QRParci #3847, QRP-L #558, G-QRP #9533  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 12:05:42 -0700  
> From: "Harsha K" <bravado@angelfire.com>  
> To: qrp-l@Lehigh.EDU  
> Subject: [78989] Request for a sked to WAS - WY,RI,LA  
> Message-ID: <PB0DHBLFGPKIAAAA@angelfire.com>  
> Mime-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
> Content-Language: en  
> Content-Transfer-Encoding: 7bit  
>  
> Greetings,  
>  
> I'm a relatively new HAM (licensed < 1 year) and I'm trying to  
> Work All States from my "stealth" wire antenna in my apartment :) !  
> I still need to confirm 3 states - Wyoming, Rhode Island and Louisiana.  
Could someone help me with a sked (perhaps this coming  
> weekend) to work these states ?  
>  
> Thanks in advance and 73s,

> Harsha  
>  
> N7VI  
> Previously : KK7VI, KD7HDR  
>  
>  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 13:08:10 -0600  
> From: "Niel Skousen" <nskousen@scientechnology.com>  
> To: <qrp-l@lehigh.edu>  
> Subject: [78990] OT: Amateur Astronomy  
> Message-ID: <000201c018fe\$733c9a0\$c916fea9@scientechnology.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
> Hi Gang,  
>  
> I've been on the verge of getting a decent starter telescope for several  
> months, and I know there are a reasonable bunch of QRP/Astronomers on the  
> list  
>  
> Really impressed by the Meade ETX stuff - but a lot to spend to try a  
hobby  
> out. YET my impression of most of the tasco-ish (\$89-\$149) drug store  
> scopes is that it would kill a potentially good hobby in a hurry with bad  
> equipment.  
>  
> Any suggestions on a middle cost entry scope ? Are used scopes a good  
way  
> to start, and how does one find good deals on used scopes ?? Is there a  
> QRP-L equivalent out there ?  
>  
> TNX all  
> Niel  
>  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 15:12:02 -0400  
> From: Ed Lawson <elawson@lawson-philpot.com>  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Subject: [78991] RS Freq. counter Question

> Message-ID: <00090715160000.00747@office4.office.new>  
> Content-Type: text/plain  
> MIME-Version: 1.0  
> Content-Transfer-Encoding: 8bit  
>  
> I recently purchase the handheld RS freq. counter (22-306 I think) and it  
seems  
> to be a good value for the money as it was on sale. However, I am  
thinking  
> about using it to align QRP rigs, etc. which require it to read LO Osc.  
freq.  
>  
> However not sure it is suitable for that purpose in terms of sensitivity  
and  
> adaptability for using a probe. Does anyone on the list have experience  
using  
> this or similar units for that purpose? TIA  
>  
> Ed Lawson  
> K1VP  
> NH  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 14:14:30 -0500  
> From: "George, W5YR" <w5yr@att.net>  
> To: w5usj@globeco.net  
> Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Subject: [78992] Re: QRPers in NE TX  
> Message-ID: <39B7E916.93B37FC1@att.net>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
> Content-Transfer-Encoding: 7bit  
>  
> You bet, Chuck. Fairview is midway between McKinney and Allen about 3  
> miles east of 75.  
>  
> 72/73, George W5YR - the Yellow Rose of Texas  
> Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373  
> Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
> R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556  
> (12/99)  
>  
>  
> Chuck Carpenter wrote:  
> >  
> > QRP-Lers,  
> >



> > Any QRPers in the NE TX area interested in getting together and  
comparing  
> > notes and assorted QRP experiences?  
> >  
> > A meeting place can be worked out depending on geographical  
distribution.  
> >  
> > Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003  
> > ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275  
>  
> --  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 15:34:35 -0400  
> From: "Charles Mabbott" <crmabbott@mediaone.net>  
> To: <qrp-1@Lehigh.EDU>  
> Subject: [78993] QRP AFIELD Planning - lit pencils  
> Message-ID: <000001c01902\$a7ce0660\$0201a8c0@mw.mediaone.net>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
>  
> This talk about LED's for writing in the dark reminds me;  
> "During the heat of the space race in the 1960's, the  
> U.S. National Aeronautics and Space Administration  
> decided it needed a ballpoint pen to write in the zero  
> gravity confines of its space capsules.  
>  
> After considerable research and development, the  
> Astronaut Pen was developed at a cost of about \$1  
> million U.S. The pen worked and also enjoyed some  
> modest success as a novelty item back here on Earth.  
>  
> The Soviet Union however, faced with the same problem,  
> and used a pencil."  
>  
> 73 ES oo  
> Chuck Mabbott AA8VS  
> FP #113  
>  
> "Remember the Roman empire was not created  
> by having meetings. Those who were opposed  
> were killed."  
>  
>

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> mulveyr@iname.com  
> Sent: Thursday, September 07, 2000 2:40 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: QRP AFIELD Planning  
>  
>  
> -----  
>  
> Date: 7 Sep 00 14:42:46 EST  
> From: M Goins <mgoins@usa.net>  
> To: qrp-1@Lehigh.EDU  
> Subject: [78994] qrpers west side of houston  
> Message-ID: <20000907194246.24543.qmail@aw164.netaddress.usa.net>  
> Mime-Version: 1.0  
> Content-Type: text/plain; charset=US-ASCII  
> Content-Transfer-Encoding: quoted-printable  
>  
> With something like 3,00 people on the reflector, I was wondering if there  
> is  
> anyone on the west side of Houston that might like to try and get together  
> for  
> antenna work, construction projects, etc. =  
>  
>  
> If so, please contact me off the list. Thanks.  
>  
> mike  
> wb5yjx  
>  
>  
> -----  
> Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 15:51:20 -0400 (EDT)  
> From: mulveyr@iname.com  
> To: crmabbott@mediaone.net  
> Cc: qrp-1@lehigh.edu  
> Subject: [78995] Re: QRP AFIELD Planning - lit pencils  
> Message-ID: <200009071951.PAA25760@mulvey.dyndns.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=US-ASCII  
> Content-Transfer-Encoding: 7bit  
>  
> > After considerable research and development, the  
> > Astronaut Pen was developed at a cost of about \$1

> > million U.S. The pen worked and also enjoyed some  
> > modest success as a novelty item back here on Earth.  
> >  
> > The Soviet Union however, faced with the same problem,  
> > and used a pencil."  
>  
> Yes, but are you aware of what happened when all of the  
> graphite dust got into the Soviet electronics? :-)  
>  
> - Rich  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 16:02:59 EDT  
> From: n5ib@juno.com  
> To: qrp-1@Lehigh.edu  
> Subject: [78996] HB - regens  
> Message-ID: <20000907.145824.4655.1.N5IB@juno.com>  
>  
> I've been thinking about building a regen Rx with a fairly narrow tuning  
> range (two or three hundred kHz) to be a companion receiver for my (as  
> yet unbuilt) TT2.  
>  
> The Kitchin design is probably what I'll follow, I but have a question  
> for those who have tinkered a lot with regens:  
>  
> Any reason why an air-wound coil is used on almost all the regen designs  
> I've seen lately. Would a toroidal coil be undesirable for reasons of Q,  
> interwinding coupling, etc? There would surely be a size advantage, and  
> seemingly the self-shielding property of toroidal coils would be good for  
> regens.  
>  
> Awaiting the wisdom of the gurus, 72  
> Jim N5IB  
>  
> -----  
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
> Juno now offers FREE Internet Access!  
> Try it today - there's no risk! For your FREE software, visit:  
> <http://dl.www.juno.com/get/tagj>.  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 15:35:55 -0500  
> From: "Cla KA0GKC" <ka0gkc@arrl.net>  
> To: "QRP-1" <qrp-1@lehigh.edu>, <n5ib@juno.com>  
> Subject: [78997] Re: HB - regens  
> Message-ID: <054901c0190c\$5d7dc780\$0200000a@mcg.net>

>  
>  
> ----- Original Message -----  
> From: <n5ib@juno.com>  
>  
> | Any reason why an air-wound coil is used on almost all the regen designs  
> | I've seen lately. Would a toroidal coil be undesirable for reasons of Q,  
> | interwinding coupling, etc? There would surely be a size advantage, and  
> | seemingly the self-shielding property of toroidal coils would be good  
for  
> | regens.  
>  
> Air wound coils have better Q then toroid wound inductors although many a  
> successful regen has been built using a toroid.  
>  
> Along these same lines, I've always wondered if you could build a regen  
with a  
> crystal instead of a coil/cap combo and use a cap to pull the frequency a  
bit?  
> Anyone ever tried this?  
>  
> 73 de Cla KA0GKC  
>  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 15:50:14 -0500  
> From: "Dan W. Dooley" <dandooley@pipeline.com>  
> To: <ka0gkc@arrl.net>, "Low Power Amateur Radio Discussion"  
<qrp-l@Lehigh.EDU>  
> Subject: [78998] Re: HB - regens  
> Message-ID: <010001c0190d\$3c24fc60\$0400a8c0@bergenbrunswick.com>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="Windows-1252"  
> Content-Transfer-Encoding: 7bit  
>  
> Don't you need a feedback path for a regen to regen? Thus the tickler  
coil.  
> That would rule out the xtal idea, methinks.....  
>  
> Dan W. Dooley WB5TKA Bedford, Texas EM12ku  
> e-mail to: dandooley@pipeline.com  
> SOC #198, FPQRP # -104  
> May Goddes love blest ye alle  
> "Ancient Pistol, I do partly understand your meaning."  
>

>  
> ----- Original Message -----  
> From: "Cla KA0GKC" <ka0gkc@arrl.net>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Thursday, September 07, 2000 3:35 PM  
> Subject: Re: HB - regens  
>  
>  
> >  
> > Along these same lines, I've always wondered if you could build a regen  
> with a  
> > crystal instead of a coil/cap combo and use a cap to pull the frequency  
> a  
> bit?  
> > Anyone ever tried this?  
> >  
> > 73 de Cla KA0GKC  
> >  
> >  
>  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 17:07:52 -0400  
> From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
> To: qrp-1 <qrp-1@Lehigh.EDU>  
> Subject: [78999] Re: HB - regens  
> Message-ID: <008101c0190f\$b0a06780\$2d0a05cc@rochester.com>  
> MIME-version: 1.0  
> Content-type: text/plain; charset=Windows-1252  
> Content-transfer-encoding: 7BIT  
>  
> Dan,  
>  
> I don't know - an RF amp with a crystal filter on the input, and feedback  
> to  
> the input of the filter?  
>  
> Duh! (Smack forehead with palm) That's called a crystal oscillator, isn't  
> it? (Grin)  
>  
> But if you turn the gain down, and can vary it above and below the point  
> at  
> which the circuit oscillates, isn't that the same thing as the regen front  
> end?  
>  
> Dave  
>

> > Don't you need a feedback path for a regen to regen? Thus the tickler  
> coil.  
> > That would rule out the xtal idea, methinks.....  
> >  
> > Dan W. Dooley WB5TKA Bedford, Texas EM12ku  
> > e-mail to: dandooley@pipeline.com  
> > SOC #198, FPQRP # -104  
> > May Goddes love blest ye alle  
> > "Ancient Pistol, I do partly understand your meaning."  
> >  
> >  
> > ----- Original Message -----  
> > From: "Cla KA0GKC" <ka0gkc@arrl.net>  
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> > Sent: Thursday, September 07, 2000 3:35 PM  
> > Subject: Re: HB - regens  
> >  
> >  
> > >  
> > > Along these same lines, I've always wondered if you could build a  
regen  
> > with a  
> > > crystal instead of a coil/cap combo and use a cap to pull the  
frequency  
> a  
> > bit?  
> > > Anyone ever tried this?  
> > >  
> > > 73 de Cla KA0GKC  
> > >  
> > >  
> >  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 16:09:26 -0500  
> From: "Cla KA0GKC" <ka0gkc@arrl.net>  
> To: "Dan W. Dooley" <dandooley@pipeline.com>, "Low Power Amateur Radio  
Discussion" <qrp-1@Lehigh.EDU>  
> Subject: [79000] Re: HB - regens  
> Message-ID: <057801c0190f\$e9ae6c20\$02000000a@mcg.net>  
>  
>  
> ----- Original Message -----  
> From: "Dan W. Dooley" <dandooley@pipeline.com>  
>  
> | Don't you need a feedback path for a regen to regen? Thus the tickler

coil.

> | That would rule out the xtal idea, methinks.....

>

> Maybe, but a xtal oscillator requires feedback as well and I would think a  
> crystal should be able to replace the coil and cap portion and another  
> controllable feedback system could be used.

>

> Food for thought, but if it would work might make an interesting receiver  
> project.

>

> 73 de Cla KA0GKC

>

>

>

> -----

>

> Date: Thu, 07 Sep 2000 18:10:05 -0300

> From: Renato Meneghim de Freitas <py2one@uol.com.br>

> To: unlisted-recipients;; (no To-header on input)

> Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

> Subject: [79001] Re: R-7000 Vertical or Dipole

> Message-ID: <39B8042D.21C09B5E@uol.com.br>

> MIME-Version: 1.0

> Content-Type: text/plain; charset=us-ascii

> Content-Transfer-Encoding: 7bit

>

> Over a 20 floor building which antenna work best for 40m DX? R7000 or a  
Dipole?

>

> My real question is ... where is a real ground for a dipole or a yagi over  
a

> high building? The ground is the top of the building or the earthy? I  
asked that

> because a dipole over a high building will work as a full wave high  
antenna.

>

>

> 73

>

>

> Renato Meneghim

> py2one

>

>

>

>

> "James R. Duffey" wrote:

>

> > Mark - I suggest that you put up both antennas. Be able to switch between

> > the two. There are a number of reasons to have two antennas, particularly if

> > one is horizontally polarized and one is vertically polarized.

> >

> > 1. There are times when one antenna will yield a better signal than the

> > other, and it is nice to be able to use the one with the best signal

> > (Actually best signal to noise ratio). I would guess that your 40 M dipole

> > will probably give the best signals most of the time, but there will be

> > times when the vertical will be better.

> >

> > 2. You may find that QRM is lower on one antenna than the other, so that

> > even if the signal is lower, it will be easier to copy. The vertical will

> > have a null overhead which the dipole does not, so that close in strong

> > stations will be weaker on the vertical. This may be better when you are

> > trying to work stations much further away than the QRM is.

> >

> > 3. You may find that noise will be lower on the vertical for the same reason

> > as 2), except that in this case, close in noise sources, such as thunder

> > storms in summer, may be attenuated more on the vertical than on the dipole.

> >

> > 4. If you ever get a second radio, it is nice to be able to listen to two of

> > them at a time. As an example, get a cheap 10 M transceiver and put it on

> > the R-7000 to monitor the band for openings while you work 40 M. You may

> > also get into satellite work later on and you can work RS-12/13 Mode K with

> > one antenna on 15 M uplink and one on the 10 M downlink.

> >

> > 5. If you get a higher band radio and want to use the dipole on the higher

> > bands, there will be nulls in certain directions. The vertical will fill in

> > these directions and provide you with whole earth coverage, albeit it at

> > lower gain than with the dipole in its preferred direction. As an example,

> > at my QTH if the 40 M dipole is set up so the main lobe is centered on

> > Europe on 20 M and 17 M, on 15 M and higher there will be a null towards

> > Europe and lobes centered on South Africa. If you want to work everywhere in

> > the world, you just about need to rotate the antenna, have two antennas, or



> > have an omnidirectional antenna like the vertical.  
> >  
> > 6. If you get serious into contesting you may wish to operate with two  
> > radios. The second antenna will come in useful here.  
> >  
> > 7. If something goes wrong with one antenna, you always have a backup.  
This  
> > is particularly good in winter when it is not always easy to do antenna  
> > work. Voice of experience.  
> >  
> > If you put up the vertical use a choke, or current balun at the  
feedpoint to  
> > reduce feedline radiation. These are easy to make; directions for  
scramble  
> > wound air core baluns are in the handbook, as are directions for bead  
> > baluns; both of which are simple to make and effective.  
> >  
> > I hope that this helps. Let us know how this all turns out. - Dr.  
Megacycle  
> > --  
> > James R. Duffey KK6MC/5  
> > 30 Casa Loma Road  
> > Cedar Crest, NM 87008  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 16:39:25 +0000  
> From: "Steven Weber" <kd1jv@moose.ncia.net>  
> To: qrp-l@lehigh.edu  
> Subject: [79002] QRP-A-FIELD  
> Message-ID: <200009072115.RAA24604@wolf.ncia.net>  
> MIME-Version: 1.0  
> Content-type: text/plain; charset=US-ASCII  
> Content-transfer-encoding: 7BIT  
>  
>  
> For operating after dark, I just light my candle, a nice low tech  
> method that's be used for just about forever.....  
>  
> I figure I'll wander up to the Log Cabin again this year, about 2/3ds  
> the way up Mt. Adams here in the Whites.  
>  
> Be sure to spead out some on 20M, remeber to tune down to as low as  
> 14.050. No reason we all have to crowd in around 14.060!  
>  
> 72,  
> Steve, KD1JV in the white Mountains of New Hampshire

> "melt solder"  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 17:18:07 -0400  
> From: "David Porter" <dporter@voicenet.com>  
> To: <njqrp@njqrp.org>, <qrp-l@lehigh.edu>  
> Cc: <n2cx@voicenet.com>  
> Subject: [79003] Re: QRP AFIELD Planning  
> Message-ID: <200009072118.RAA235508@nss4.cc.lehigh.edu>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=ISO-8859-1  
> Content-Transfer-Encoding: 7bit  
>  
> Sounds like a great idea for a new NJQRP kit!  
>  
>  
> David Porter  
> dporter@voicenet.com  
> AA3UR  
>  
> -----  
> > From: n2cx@voicenet.com  
> > To: qrp-l@lehigh.edu; njqrp@njqrp.org  
> > Cc: n2cx@voicenet.com  
> > Subject: Re: QRP AFIELD Planning  
> > Date: Thursday, September 07, 2000 8:04 AM  
> >  
> > Group,  
> >  
> > I've got a different thought here...  
> >  
> > While cruising cross country at 30,000 feet or so I saw a magazine  
> reference to a  
> > pen whose tip was lighted by and LED for writing in the dark. (Shucks,  
> I'm usually  
> > in the dark about \*everything\*)  
> >  
> > I can think of several legitimate uses.  
> >  
> > I'm sure we've had a brilliant idea or two while lying in bed at night  
> but forgot  
> > them by morning. This pen, at the bedside with a pad, could either  
> capture our  
> > inspiration or prove that in the light of day that we had been suffering  
> from a  
> > nocturnal chimerical episode.  
> >

> > A second possibility is for logging while huddled in a cold sleeping bag  
> lying on the  
> > wet ground wondering why Dave Benson and the others force us to endure  
> such  
> > privation for a few marginal contacts. :-0  
> >  
> > The pen mentioned was about \$20, well beyond my normal discretionary  
> > limits for writing implements. Thus I have not yet succumbed to the  
> temptation  
> > to buy one.  
> >  
> > So...  
> >  
> > Has anyone in QRP-land ever tried one of these gadgets and found it  
> useful?  
> >  
> > And, equally as important, where can I get one for beer money?  
> >  
> > 72/73,  
> >  
> > Joe E.,  
> > N2CX  
> >  
> >  
> > -----  
> > This message was sent using Voicenet WebMail.  
> > <http://www.voicenet.com/webmail/>  
> >  
> >  
> > ===== NJ QRP Club Mailing List =====  
> > To unsubscribe from this list, send email to [listserver@applegate.org](mailto:listserver@applegate.org)  
> > and put the text "unsubscribe njqrp" in the message. To post a  
> > message to the list, send email to [njqrp@njqrp.org](mailto:njqrp@njqrp.org).  
>  
> -----  
>  
> Date: Thu, 07 Sep 2000 14:29:05 -0700  
> From: Bill Jones <[kd7s@psnw.com](mailto:kd7s@psnw.com)>  
> To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
> Subject: [79004] OT:Looking for Bay Area bike shops  
> Message-ID: <[39B808A1.32EA8D87@psnw.com](mailto:39B808A1.32EA8D87@psnw.com)>  
> MIME-Version: 1.0  
> Content-Type: text/plain; charset=us-ascii  
> Content-Transfer-Encoding: 7bit  
>  
> Friends,  
>  
> My annual trek to Pacificon always includes some off-site shopping.

> Besides surplus electronics I want to visit a good sized, full service  
> bicycle shop in the San Jose/Sunnyvale area. I am looking for parts,  
> pieces and ideas to help me eventually try my hand at bicycle mobile.  
>  
> Thank you for your help and please reply privately.  
> --  
> -----  
> Bill Jones - KD7S <><  
> Sanger, California  
> <http://www.psnw.com/~kd7s/>  
> -----  
>  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 14:34:32 -0700  
> From: "Bob Tellefsen" <n6wg@earthlink.net>  
> To: <qrp-1@Lehigh.EDU>  
> Subject: [79005] Re: HB - regens  
> Message-ID: <000301c01913\$6a1359e0\$72defc9e@oemcomputer>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>  
> Hi Cla  
> I'm reaching way back in time, but years ago there was a receiver article,  
> either in CQ or QST, I can't recall which now, that used a regenerative  
> detector at some IF. It was crystal controlled, so probably was intended  
> to  
> stay put. However, I can't see any reason such a detector couldn't be  
> pulled a few kHz if it were at the operating freq instead.  
> 73, Bob N6WG  
>  
>  
> -----  
>  
> Date: Thu, 7 Sep 2000 23:04:52 +0100  
> From: "Tony Fishpool" <g4wif@btinternet.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
> Subject: [79006] Re: HB - regens  
> Message-ID: <012001c01917\$bbaea120\$d930073e@p200>  
> MIME-Version: 1.0  
> Content-Type: text/plain;  
> charset="iso-8859-1"  
> Content-Transfer-Encoding: 7bit  
>

> Both the G3MFJ and my regen which appeared in the recent QRPP (regen  
> special) used toroids and they worked just fine. Both Graham & I  
> mounted them on a plug and socket arrangement so that more than one  
> band could be covered.  
>  
> We also used varicap tuning which kept the cost down.  
>  
> Kind regards  
> Tony - G4WIF  
>  
> ----- Original Message -----  
> From: <n5ib@juno.com>  
>  
> > Any reason why an air-wound coil is used on almost all the regen  
> > designs I've seen lately.  
> > Would a toroidal coil be undesirable for reasons  
> > of Q, interwinding coupling, etc?  
> <snip>  
>  
>  
>  
> -----  
>  
> End of QRP-L Digest 1937  
> \*\*\*\*\*  
> -----

-----  
Date: Thu, 7 Sep 2000 17:34:05 -0700 (PDT)  
From: Jeff <fantbb@yahoo.com>  
To: qrp qrp <qrp-l@lehigh.edu>  
Subject: [79012] KUDOS to LDG on the repair of my AT-11  
Message-ID: <20000908003405.28966.qmail@web122.yahoomail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I had purchased an AT-11 from another ham a while back here on the list. After receiving it I hooked it up to my shortened (52ft) G5RV and found that it couldn't tune most of the frequencies. In fact it would barely work on 20 and 40 meters. Really surprising as the impedences on my G5RV were not anything extreme.

After a while I posted on the list here how unhappy I was with it and suggested it wasn't that great of a product. After that posting I then received an email from LDG Electronics asking me to send it to them as they didn't want an unhappy customer. So I sent it off expecting them to find something seriously wrong with it. I got an email back that

said they couldn't really find anything wrong but that they had realigned it and upgraded the processor to tune better. Well what they did sure worked as it now tunes up all the bands on my G5RV with ease. For grins I even tried 30 meters as the G5RVs are known not to be able to be matched there. It tuned that up with ease also! So I have to take off my hat to LDG as they did a great job fixing my AT-11 while only charging \$10 plus shipping! They now have one happy customer for sure.

73!

Jeff

=====

Jeff Jones  
AB6MB  
NorCal QRP Club #65, QRP-L #1780, ARCI 10071  
Radical FIST Member 6798  
Love to play wargames!  
ICQ 62450117

-----  
Do You Yahoo!?  
Yahoo! Mail - Free email you can access from anywhere!  
<http://mail.yahoo.com/>

-----  
Date: Thu, 07 Sep 2000 20:30:56 -0400  
From: Tom Isgro <k8cz@concentric.net>  
To: nskousen@scientech.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [79013] Re: OT: Amateur Astronomy  
Message-ID: <39B83340.428ED6E3@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

FWIW, my days in astronomy were severely limited by poor equipment. Don't waste money on the cheap scopes. The optics aren't the best, but the real problem is cheap, unsteady mounts. Get a good telescope with a good mount.

Meade has good optics and good mounts. Get a polar mount if you can. If your serious, you are going to upgrade anyway. If you find its not for you, you'll be able to sell for a loss and won't be out any more than you would with cheap equipment.

--

"Blessed are they who can laugh at themselves for they shall never cease to be amused."

72, 73 oo's

Tom K8CZ Hamilton, OH

FPqrp #-41, QRP-1 945, FISTS 2360, NORCAL 2113, ARCI 9606,  
10-10 68364, SCI 1479, ARS 203, ARRL

-----  
Date: Thu, 7 Sep 2000 18:41:28 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>  
Subject: [79014] "To sweat or not to....."  
Message-ID: <Pine.LNX.3.95.1000907183759.5415C-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Like many of you, I wear headphones when doing my qrp thing....and while they work ok, I am getting tired of the sweaty condition headphones produce....so I guess I now want my cake and eat it too....have any of you qrpers tried a set of "ear buds?"....I see RS has them on sale right now in Canada \$20/\$25 or something thereabouts....any commentsproor con please?.....thank you....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Thu, 07 Sep 2000 18:47:57 -0600  
From: Jeff Francis <jfrancis@frii.com>  
To: rattray@gpfn.sk.ca  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [79015] Re: "To sweat or not to....."  
Message-ID: <39B8373D.1D731D89@frii.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Personally, I find the ear buds start to hurt much more quickly than a good pair of headphones. After trying a number of different pairs of headphones, I decided I don't like the fancy "hi-fi" headphones from the

nice stereo stores - the high frequency response is too good, and the hiss will drive you crazy after a while. A cheaper pair of 'phones (with poorer high-end response) seems to mute the high frequency hiss and lets me listen longer before I go postal.

Bruce Rattray wrote:

>  
> Like many of you, I wear headphones when doing my qrp thing....and while  
> they work ok, I am getting tired of the sweaty condition headphones  
> produce....so I guess I now want my cake and eat it too....have any of you  
> qrpers tried a set of "ear buds?"....I see RS has them on sale right now  
> in Canada \$20/\$25 or something thereabouts....any commentsproor con  
> please?.....thank you....  
>  
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
> A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

--

```
+-----+-----+
| Jeff Francis - N0GQ | | |
| Sr. Systems Engineer | "The legitimate powers of | |
| Nortel Networks / Shasta | government extend to such | |
| Denver, CO USA DM79nr | acts only as are injurious | |
| 39d43m16.4s N 104d52m10.7s W | to others." | |
| jfrancis@frii.com | -- Thomas Jefferson | |
| http://www.frii.com/~jfrancis | | |
+-----+-----+
```

-----  
Date: Thu, 7 Sep 2000 18:57:24 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [79016] FOX - Winter Hunt Teams -  
Message-ID: <Pine.LNX.3.95.1000907185117.5415F-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

....4 Teams now competing for the two plaques.....

The Raiders of the Lost RF -  
Mary - NA6E  
Fred - VE3FAL  
Rob - VE6JAZ  
Earl - VA6RF

The Flying Pigs -  
N1FN - ET  
N5TW - Tom  
WJ1R - Larry  
NW7DX- Ben



Bruce- VE5RC

N6WG - Bob

The ScQRPions -

Floyd - NQ7X

Brian - K7RE

Conard- WS4S

Chuck - K7QO

Bob - NK7M

The FLying Pigs -

Diz - W8DIZ

Rick - WB6JBM

Dan - N8IE

Brian- KB9BVN

Dave - KB5MHS

..if you form a Team for the Winter 40 mtr Fox Hunt, please e-mail me direct so I can put you on the Teams listing.

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Thu, 7 Sep 2000 19:02:15 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [79017] FOX - Winter Hunt Teams -  
Message-ID: <Pine.LNX.3.95.1000907190102.5415H-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

...oooops.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

....4 Teams now competing for the two plaques.....

The Raiders of the Lost RF -

Mary - NA6E

Fred - VE3FAL

Rob - VE6JAZ

Earl - VA6RF

The Big Dawgs -

N1FN - ET

N5TW - Tom

WJ1R - Larry

NW7DX- Ben

Bruce- VE5RC

N6WG - Bob

The ScQRPions -

Floyd - NQ7X

Brian - K7RE

Conard- WS4S

Chuck - K7QO

Bob - NK7M

The Flying Pigs -

Diz - W8DIZ

Rick - WB6JBM

Dan - N8IE

Brian- KB9BVN

Dave - KB5MHS

..if you form a Team for the Winter 40 mtr Fox Hunt, please e-mail me direct so I can put you on the Teams listing.

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Thu, 7 Sep 2000 21:02:36 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [79018] Chemical Lights  
Message-ID: <b3.48ae63.26e994ac@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

There are lights and then there are lights. A brighter and longer burning chemical light are those Coast Guard approved for life jackets. They will last 48 hours but the best lighting is in the first 24 hour period. The only draw back is that they are desinged for 50 degrees F plus and grow very dim at 32 degrees F.

Now these cost about \$6 each but many of you can get them free--yup FREE (music to QRPer's ears). Life raft servicing or those that service or repair survival suits will discard expired chemical lights by the hundreds. Inspite of them being expired, I have used some with success that were 10 years old.

Making a simple reflector out of aluminum foil provides for increased lighting ability. You can get fancy with various holders.

Just providing my 2 cents (no change necessary) smile  
Alan KB7MBI

-----  
Date: Thu, 07 Sep 2000 20:11:22 -0500  
From: Lew Paceley <lew@paceley.com>  
To: rattray@gpfn.sk.ca, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [79019] Earbuds  
Message-ID: <019b01c01931\$b3eb2d40\$0332a8c0@roland.swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Hi Bruce/all,  
Earbuds just don't work for me...they don't stay in my ears with any  
"normal" head motion. That's me I guess.

Instead I use the earbud style headphones..by that I mean they have a very  
small, light headband for support while having the small, "in the ear"  
transducers. I have Sony MDR-W24's...very light, very sensitive, "open" so  
you can hear the XYL calling you for dinner..and they are all I use on my  
OHR-100A. I like them very much for hamming...they're not so great at real  
music due to the less than balanced frequency response. Good luck.

72/73,  
\*Lew\*  
N5ZE

----- Original Message -----  
> <stuff deleted> ....have any of you  
> qrpers tried a set of "ear buds?"....I see RS has them on sale right now  
> in Canada \$20/\$25 or something thereabouts....any commentsproor con  
> please?.....thank you....  
>  
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
> A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"  
>

-----  
Date: Thu, 7 Sep 2000 19:26:15 -0600  
From: "ptaber" <ptaber@flash.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [79020] Re: Determining Tree Height

Message-ID: <000301c01933\$c9984540\$09068c82@abq.sc.philips.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

There's a four-step algebra-free method --

1. Take a yardstick and stand it against the tree trunk.
2. Mark the height of the yardstick on the trunk.
3. Use the mark to guide your chainsaw in cutting through the tree trunk.
4. The tree is three feet high.

>>>==>PStJTT (NM5A)

-----  
Date: Thu, 7 Sep 2000 20:37:36 -0500  
From: jmbrown@edge.net (JERRY BROWN)  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [79021] to Norway QRP  
Message-ID: <003301c01935\$5ec31c20\$2e5115d0@columbia.totalweb.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

We'll be in Moss, Norway operating as LA/N4EO  
and LA/N6DXW from 11-19 September with DSW20/40.

Will be listening for stateside QRP'ers.

OM- Jerry N4EO  
XYL- Angie N6DXW

-----  
Date: Thu, 7 Sep 2000 20:35:27 -0500  
From: "Mike" <steam@corecomm.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [79022] Re: Using a TS450S at QRP levels  
Message-ID: <004c01c01935\$11aebfc0\$6a2f28d0@megsinet.net>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

On the Kenwood 440 I have, turning the carrier all the way down  
gets me clear down to 60mw!! I've had many qso's with no complaints  
at the 2 to 5 watt level.

Mike

<>< ><> ><> <>< ><> <>< ><> <>< ><> <>< ><  
Mike Pender Chicago N9IV0  
steam@corecomm.net <http://www.corecomm.net/~steam> =20  
><< <>< ><< ><< ><< ><< ><< ><< ><< ><< <>

-----  
Date: Thu, 07 Sep 2000 21:39:59 -0400  
From: Levent Sasmazel <levent@netlabs.net>  
To: qrp-1@Lehigh.EDU  
Subject: [79023] End Fire Connection point question  
Message-ID: <39B8436F.8D0AEAB2@netlabs.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Hi Again,

First of all thanks all the responders about my QRP Antenna question.  
Now I do have one more.

I am using a US made Red Hot 20 and according to MFJ 941D it is putting  
6.5 7 watt. And I do have a end fire dipole I am not sure about the  
length but it is between 30-40 foot. This antenna is directly connected  
to my tuner (There is no coax. Same wire coming in from my window (with  
the 90 degree down turn) and connecting to my tuner and cable connected  
to WIRE port) I can tune this antenna on the 14000 14100 KHz with  
1.2:1 SWR. I can hear all the stations but my CQs are not going anywhere  
(My be my 5 WPM is not powerful enough).

Any Idea ? I know that end fire antenna shows very high impedance do I  
need to do anything special on the connection?

Thanks again and 73s  
Levent KC2CNY

-----  
Date: Thu, 7 Sep 2000 19:58:26 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Bruce Rattray <rattray@gpfn.sk.ca>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [79024] Re: "To sweat or not to....."  
Message-ID: <Pine.LNX.4.10.10009071957120.878-1000000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bruce, I use them with the Radio Shack Listening device and like them very much. It gets real hot in South NM.

On Thu, 7 Sep 2000, Bruce Rattray wrote:

> Like many of you, I wear headphones when doing my qrp thing....and while  
> they work ok, I am getting tired of the sweaty condition headphones  
> produce....so I guess I now want my cake and eat it too....have any of you  
> qrpers tried a set of "ear buds?"....I see RS has them on sale right now  
> in Canada \$20/\$25 or something thereabouts....any commentsproor con  
> please?.....thank you....  
>  
> ...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
> A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"  
>  
>  
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Thu, 7 Sep 2000 20:04:11 -0600  
From: "ptaber" <ptaber@flash.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [79025] RE: Stupid question...  
Message-ID: <000301c01939\$16970480\$09068c82@abq.sc.philips.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>First off a correction -- THERE ARE NO STUPID QUESTIONS!

There is a universe of counter examples. How about asking the cop who just pulled you over, "What's YOUR problem, pig?"

>The only stupid question is the one you never ask !

I had a teacher once who said, "The only stupid question is the one I can't answer."

Actually, all the advice about building defensively is good to a greater or lesser degree. But sometimes I get tired of trying to build things to allow myself to be stupid. At that time I just wire the connector (I favor the positive tip/negative ring) and make a note to pay attention to what I'm doing when I plug in. Never smoked one yet. (I'll probably be sorry to have said that.)

>>>==>PStJTT (NM5A)

-----  
Date: Thu, 7 Sep 2000 20:16:26 -0600  
From: "ptaber" <ptaber@flash.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [79026] Re: "To sweat or not to....."  
Message-ID: <000301c0193a\$cc3b2680\$09068c82@abq.sc.philips.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Are you getting sweaty under foam headphones, or the ones with the vinyl earpads? The latter are sweat-inducing, I agree, but for my ears the noise-suppression is worth the occasional need to wipe the sides of my head with a handkerchief. The foam-pad headphones, to me at least, are usually sweat-free, though more ambient noise gets through. (It can be a good thing if I'm playing radio while minding the kids.) I'm talking full-coverage headphones here, not the Walkman type -- Kenwood makes a good set that detachable vinyl pads.

>>>==>PStJTT (NM5A)

-----

Date: Thu, 7 Sep 2000 22:21:33 EDT  
From: K4ZM@aol.com  
To: qrp-1@lehigh.edu  
Subject: [79027] WA4KEJ, SK  
Message-ID: <a9.ac5f2cd.26e9a72d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

It is with a heavy heart that I must report Ray Butler, WA4KEJ has become a Silent Key. Ray died unexpectedly of a massive heart attack on Saturday night August 31, 2000 at the age of 53. Ray was an avid QRP'er for over 25 years and a very dear friend and camping/hamming buddy of mine. For the past 10 years Ray, Terry K4KJP and I have operated the Spring and Fall ARCI contests and numerous other QRP contests from a camping site in the immediate area. Ray posted items to this list at times and read it frequently. Ray's photo can be seen in the August 2000 issue of QST on page 111. Once again Ray Butler, WA4KEJ is a Silent Key.

72/73

Jim Younce K4ZM  
Mobile, AL

-----  
Date: Thu, 7 Sep 2000 20:22:46 -0600  
From: "ptaber" <ptaber@flash.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [79028] Re: OT: Amateur Astronomy  
Message-ID: <000301c0193b\$add5aac0\$09068c82@abq.sc.philips.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

A few years ago my family bought me an Orion short-tube refractor for Father's Day. I wasn't expecting much, but it turns out to be a great 'scope to start with. An astronomer friend from the Haystack Observatory tried it and ended up making it his "recommended" scope for his observational astronomy classes.

Check their website.

>>>==>PStJTT

-----



Date: Thu, 07 Sep 2000 22:44:06 -0500  
From: Randy & Cara Randall <crrandal@seidata.com>  
To: rohre@arlut.utexas.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [79029] Re: LED tipped pen, or lighted pen  
Message-ID: <39B86086.1C9732F2@seidata.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

My kid has one of these. I am not sure where she got it, but it was sold as a toy pen. It is not a bad pen either. VERY, VERY bright blue LED powered by 3 Eveready A76 coin cells. I'll ask her where she got it tomorrow. It has little kids stuff silk screened on it, but I bet it is many \$\$\$ cheaper than the supply houses.

73,  
Randy.

Stuart Rohre wrote:

> Gang,  
>  
> I sent Joe a reply, but maybe there is real interest out there. These pens  
> are commonly available from Fire and Police supplies stores. There are  
> local ones that sometimes want you to have a badge to enter, for they sell  
> stuff like tear gas and larger pistol clips. But, there are Fire and Safety  
> supply companies on the web that will gladly take your money for a pen.  
>  
> Just search for fire dept. supplies, or badges, or such public safety gear  
> related keywords from <google.com>. I have not bookmarked any, for I got my  
> pen like this when my son entered the Police Dept. and we went to outfit him  
> at the local police supply house. But, I have seen them in catalogs down at  
> he volunteer fire dept. They are not cheap, seems mine cost about \$15 in  
> TX.  
>  
> Don' know what the catalog stores might charge. Another place to check as  
> someone said is telescope supply houses. Another might be larger camping  
> gear stores. Another idea is to go to a large newstand and look for  
> "Firehouse" magazine. I used to get that and there were ads from such  
> supply places in there.  
>  
> GL and 72,  
> Stuart K5KVH

--

"...Life is not tried, it's just merely survived if you're standing outside the

fire..." Garth Brooks

A heartwarming country home is yours with...  
Country Touches  
<http://www.countrytouches.com>

-----  
Date: Thu, 07 Sep 2000 22:52:00 -0400  
From: Mark Sailer <[msailer@buoy.com](mailto:msailer@buoy.com)>  
To: qrp-l <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [79030] Re: QRP AFIELD Planning - lit pencils  
Message-ID: <39B85450.BFE0FA54@buoy.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For LED Pens, I did a search and found this site.

<http://www.we-best.com/webest/ledpen.htm>  
\$1.90/pen min order 100

Can have colors, like the rubber coated idea, and logos, ie  
QRP-L(probably at extra cost).

Do I hear a group by coming together.  
Sorry, I don't have the resources to do it.

=====  
Mark Sailer, N2JTW                    [msailer@buoy.com](mailto:msailer@buoy.com)  
Lake Grove L.I., NY

-----  
Date: Thu, 7 Sep 2000 19:59:47 -0700  
From: "Dan Trigilio" <[danjt@cruzio.com](mailto:danjt@cruzio.com)>  
To: "QRP-L" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [79031] WA4KEJ,SK  
Message-ID: <001c01c01940\$d9ad79c0\$9989e3a5@n1dtscomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Jim, Please except my condolences on the loss of your friend. My thoughts

are with you and both families.

73, Dan W6DAN  
Capitola, CA

-----  
Date: Thu, 7 Sep 2000 23:13:32 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <ptaber@flash.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [79032] Re: Stupid question...  
Message-ID: <034b01c01942\$fa5feb60\$0600a8c0@dad>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> >First off a correction -- THERE ARE NO STUPID QUESTIONS!  
>  
> There is a universe of counter examples. How about asking the cop who just  
> pulled you over, "What's YOUR problem, pig?"

Wait a minute, that's NOT a stupid question, that's a question followed  
by a stupid declaration.

A STUPID question would be "This joint isn't illegal, is is?"

Mike

-----  
Date: Thu, 07 Sep 2000 23:35:00 -0400  
From: neil tanner <ntan@crosslink.net>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [79033] Success!!!  
Message-ID: <39B85E63.6B86A71A@crosslink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings...

Well the test worked and Dave, w0ch and I had a 40 minute qso. Copy was

almost 100%...there were some spells of qsb and qrm but for the most part, it was good copy. Thanks Dave! Towards the end, sure wished I had AGC, somebody decided to tune up and man did that knock the cans off my head!!!

I took a few pictures of the set up...there were jumpers all over the place...I sorta felt like w7zoi, it was cool! Now I need to redo the board and put it back in the box....lets see...what can I work on now??? Thanks everyone- good brewing and 72 Neil wa4chq

-----  
Date: Thu, 7 Sep 2000 20:42:18 -0700  
From: "John Moriarity" <k6qq@hdo.net>  
To: <k8cz@concentric.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [79034] Re: OT: Amatuer Astronomy  
Message-ID: <035601c01946\$ca651080\$d7414cd1@k6qq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> the real problem is cheap, unsteady mounts.

Absolutely!

> ...Get a polar mount if you can.

Don't you mean "equatorial" mount??

BTW, I've seen some very nice Dobsonian telescopes for not much money. For casual use they are very nice. Of course you can only guess at Right Ascension and Declination settings ;-)

73,

John, K6QQ

(A former Night Assistant [telescope operator] at the 200" Hale telescope on Palomar Mountain; great fun!)

-----  
Date: Thu, 07 Sep 2000 20:40:06 -0700  
From: Randy Prakken <rlp@swiftview.com>

To: kd1jv@moose.ncia.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [79035] Re: Balanced Tuners  
Message-ID: <39B85F96.1852312E@swiftview.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> Only problem is, the variable inductors cost \$50.00 a piece! Then you  
> have to gang them together with some gears and belts. I'm thinking of  
> trying a cruder version with tapped coils and rotary switches. Most  
> likely, not nearly as good as the continuously variable inductors, but  
> probably good enough to get a decent match.

Actually they're more like \$100.

However, I got 2 old but very good ones at a Swapmeet for about \$25 total.

They're one size too small to be certain of tuning all the low bands but a single range switch would do it.

Picked up a surplus military tuner box too with all the good ceramic switches and fixed inductors and capacitors I needed.

Randy  
K7ZSB

-----  
Date: Thu, 7 Sep 2000 20:52:45 -0700  
From: "John Moriarity" <k6qq@hdo.net>  
To: <rattray@gpfn.sk.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [79036] Re: "To sweat or not to....."  
Message-ID: <035c01c01948\$3ff90d00\$d7414cd1@k6qq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> ...have any of you  
> qrpers tried a set of "ear buds?"....I see RS has them on sale right now  
> in Canada \$20/\$25 or something thereabouts....

Bruce,

Boy, that's expensive!! I recently paid \$4.96 for a nice set by Koss at Wal-Mart. I sort of wish I'd gone the \$10 for the more sensitive Sony variety, but they're O.K.

I still prefer my 20 year old (mono) Yaesu YH-77 headphones. They are "over the ear", but with small replaceable foam pads. The only reason I bought the buds was because I don't like plugging the Yaesu phones (1/4" plug) into an adapter, and then into the K2. I have this fear of damaging the jack in the K2 by accidentally bumping into that big mess.

73,

John, K6QQ

-----  
Date: Thu, 7 Sep 2000 21:00:43 -0700  
From: Bob Nielsen <nielsen@oz.net>  
To: Levent Sasmazel <levent@netlabs.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [79037] Re: End Fire Connection point question  
Message-ID: <20000907210043.B6516@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

>From your discription, it sounds like what you have is an end-fed antenna, not an end-fire antenna. An end-fire antenna would be one in which the maximum radiation would be in the direction of the wire. This requires an antenna which is several wavelengths long.

With an end-fed wire, it is important to have a counterpoise. Even something as simple as a 1/4 wave length of wire (16 ft.) connected to the ground terminal of your tuner and strung out across the room in the opposite direction from your antenna will probably help quite a bit.

In any case, CQing is not usually very effective at QRP power levels, particularly with a simple antenna. You will probably have better luck by calling stations which you can hear. You will find other QRP stations around 14.060.

73, Bob

On Thu, Sep 07, 2000 at 09:39:59PM -0400, Levent Sasmazel wrote:

> Hi Again,  
>  
> First of all thanks all the responders about my QRP Antenna question.  
> Now I do have one more.  
>

> I am using a US made Red Hot 20 and according to MFJ 941D it is putting  
> 6.5 7 watt. And I do have a end fire dipole I am not sure about the  
> length but it is between 30-40 foot. This antenna is directly connected  
> to my tuner (There is no coax. Same wire coming in from my window (with  
> the 90 degree down turn) and connecting to my tuner and cable connected  
> to WIRE port) I can tune this antenna on the 14000 14100 KHz with  
> 1.2:1 SWR. I can hear all the stations but my CQs are not going anywhere  
> (My be my 5 WPM is not powerful enough).  
>  
> Any Idea ? I know that end fire antenna shows very high impedance do I  
> need to do anything special on the connection?  
>  
> Thanks again and 73s  
> Levent KC2CNY  
>

--

Bob Nielsen, N7XY  
Bainbridge Island, WA

nielsen@oz.net  
<http://www.oz.net/~nielsen>

-----  
Date: Fri, 08 Sep 2000 00:05:23 -0400  
From: Tom Isgro <k8cz@concentric.net>  
To: k6qq@hdo.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [79038] Re: OT: Amatuer Astronomy  
Message-ID: <39B86583.FECFAD10@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John Moriarity wrote:

>  
>  
> Don't you mean "equatorial" mount??

yes.

--

"Blessed are they who can laugh at themselves for they shall never cease  
to be amused."

72, 73 oo's  
Tom K8CZ Hamilton, OH  
FPqrp #-41, QRP-1 945, FISTS 2360, NORCAL 2113, ARCI 9606,  
10-10 68364, SCI 1479, ARS 203, ARRL

-----  
Date: Fri, 08 Sep 2000 00:03:43 -0400  
From: Mark Sailer <msailer@buoy.com>  
To: qrp-1 <qrp-1@lehigh.edu>  
Subject: [79039] WTB: DSW-40 Radio  
Message-ID: <39B8651F.A4D2EB70@buoy.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anyone have one that they are willing to part with?  
Would prefer unbuilt, but built OK too.

TNX  
Mark

-----  
Date: Thu, 7 Sep 2000 20:59:27 -0700  
From: "Glenn Maclean" <glennmaclean@ix.netcom.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [79040] SMK-1 Enclosure kits  
Message-ID: <001701c01949\$2f05f340\$2088fea9@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Has anyone ordered the SMK-1 enclosure kit from George Heron N2APB lately? I  
ordered one about three or four weeks ago and I am still waiting for it. Is  
there a part shortage for the kit or are they in stock?

Glenn WA7SPY

-----  
Date: Thu, 7 Sep 2000 21:32:20 -0700 (PDT)



From: Jeff <fantbb@yahoo.com>  
To: qrp qrp <qrp-1@lehigh.edu>  
Subject: [79041] Re: QRP AFIELD Planning - lit pencils  
Message-ID: <20000908043220.7573.qmail@web111.yahoomail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- Mark Sailer <msailer@buoy.com> wrote:  
> For LED Pens, I did a search and found this site.  
>  
> <http://www.we-best.com/webest/ledpen.htm>  
> \$1.90/pen min order 100

Found this web site;

<http://www.global-merchants.com/home/bandipen.htm>

I'm sure there are cheaper ones out there though...

Jeff

=====  
Jeff Jones  
AB6MB  
NorCal QRP Club #65, QRP-L #1780, ARCI 10071  
Radical FIST Member 6798  
Love to play wargames!  
ICQ 62450117

-----  
Do You Yahoo!?  
Yahoo! Mail - Free email you can access from anywhere!  
<http://mail.yahoo.com/>

-----  
Date: Thu, 07 Sep 2000 22:44:02 -0600  
From: Larry East <w1hue@amsat.org>  
To: qrp-1@lehigh.edu  
Subject: [79042] FS - Keyer and Audio Filter  
Message-ID: <3.0.5.32.20000907224402.009d6c90@mail.ida.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have the following items for sale:

1. TRAC Model TE-292 Memory Keyer.

Features include Dot and Dash memory, Sidetone (w/speaker), keying weight adjustment (internal), positive or negative keying output, straight-key input (mod), six 50 character or twelve 25 character memories. Can be operated from internal 9V battery or external 12VDC. When external 12V is present, battery is automatically bypassed (this is a mod published in QRP Quarterly several years ago). Documentation. Cabinet has a few scratches.

\$35 shipped in the US

2. Autek Research QF-1A SSB/CW/AM Audio Filter.

Can select Peak, Notch, Low Pass or High Pass filter functions with variable selectivity and center frequency. Separate "Aux. Notch" filter that can be used in conjunction with main Peak/Notch/LP/HP filter. Operates from 115VAC or 12VDC. Only mods are added jack for 12VDC input and stereo phone jack (both on rear panel). Documentation. Like new condition.

\$65 shipped in the US.

72/73,  
Larry W1HUE/7

-----  
Date: Thu, 7 Sep 2000 23:13:35 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: rattray@gpfn.sk.ca, qrp-1@lehigh.edu  
Subject: [79043] Re: "To sweat or not to....."  
Message-ID: <39B8211F.16360.F915F7@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Hi, Bruce, gang--

>>I wear headphones when doing my qrp thing....and while they work ok, I am getting tired of the sweaty condition headphones produce.<<

Well, sure. I first encountered that problem in the AF, working 8-10 flights in the noisy end of a C130. About the first "trick" you were taught was to make a set of custom pads from .... well.... "pads." Of the feminine hygiene kind. Seriously!

Now I use a 20-yr-old pair of Archer "communciations headphones" which are large enough to fit over my ears without pinching, and light enough that the band doesn't wear a groove into the top of my head. They also block out

ambient room noise, which can be a big help (so you can listen at a lower audio level to start with).

Unfortunately I have no idea what's available now, but some of the stereo headphones are pretty comfortable and can be adapted to mono. But certainly a major criterion should be fitting over the ear and not pressing against it.

In longer radio sessions I do change headphones from time to time-- just to put the pressure onto different spots, or to make the world sound different or something. I've never had much luck with earbuds and can't recommend them for extended use.

Marshall Emm, N1FN  
Milestone Technologies, Inc.  
(303) 752-3382  
<http://www.mtechnologies.com>

-----  
Date: Thu, 7 Sep 2000 00:10:53 -0600  
From: "AB0CD" <ab0cd@uswest.net>  
To: "Qrp-L" <qrp-l@Lehigh.EDU>  
Subject: [79044] COLORADO QRP CLUB MEETING This Saturday  
Message-ID: <NEBBLPCAklmJKcENDNDAAEFPCBAA.ab0cd@uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

COLORADO QRP CLUB MEETING  
Saturday, Sept. 9        10 a.m. - ?? p.m.

PROGRAM: HF Transmitting Loop Antennas by Bill Rinker, W6OAV. Learn about this exciting way to beat the antenna restrictions. Bill builds his own loop antennas that utilize a very small footprint.

FUN: Re-Run for the Trees -- bring your HF rig, power source and antenna to join in on the re-run after lunch. The first run, at the sweltering picnic in July, was a bust, thanks to a solar flare that wiped out the bands. So we ll do it again. And there ll be prizes!

LUNCH: Available, with a couple of sodas, for \$4.

TALK-IN: 146.445 Simplex. 147.225 Repeater.

LOCATION: Bonfils Blood Center/Lowry Campus. (Denver/Aurora)

DIRECTIONS: From the North, off of 11th Ave., take Yosemite south past the Bonfils building to Willow Cir and turn right (west) into the lot and head for the southwest corner of the building. From the South, off of Lowry Blvd., turn north onto Yosemite just east of the Big Bear ice arena. Go North 2 blocks and turn left (west) into the Bonfils lot. Head for the southwest corner of the building. Do not go to the front entrance of Bonfils.

Bring this email (for a door prize drawing) and a friend or relative.

72 Dick AB0CD..

-----  
Date: Fri, 8 Sep 2000 11:51:15 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: <glennmaclean@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [79045] Re: SMK-1 Enclosure kits  
Message-ID: <002401c01982\$b8952980\$88fa070a@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I don't know if they are out of stock or not, but don't you think you should ask George Heron himself? He would be the one most competent to answer the question, I think. I received mine and the time frame of 3 or 4 weeks seems like the amount of time I waited.

George Heron's email address is n2apb@amsat.org

de Steve, W8SFF

-----  
Date: Fri, 08 Sep 2000 08:23:51 +0000  
From: Michael Neverdosky <mneverdosky@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [79046] Re: Stupid question...  
Message-ID: <39B89407.EE1C6DB0@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I find it very helpfull to put big labels on my cables that indicate both the rig they are wired for and the polarity.

I also put my name and call sign on them so they find their way home if they get lost at field day or other activity.

I usually use sticks on name badges for labels and fold them around the wire. If I expect to use the setup outside I cover the label with clear tape for weather protection.

michael N6CHV AMA 77292 (in central FL)

ptaber wrote:

> Actually, all the advice about building defensively is good to a greater or  
> lesser degree. But sometimes I get tired of trying to build things to allow  
> myself to be stupid. At that time I just wire the connector (I favor the  
> positive tip/negative ring) and make a note to pay attention to what I'm  
> doing when I plug in. Never smoked one yet. (I'll probably be sorry to have  
> said that.)  
>  
> >>>==>PStJTT (NM5A)

-----  
Date: Fri, 8 Sep 2000 08:26:37 -0400  
From: "KG4HMN" <kg4hmn@arrl.net>  
To: <rattray@gpfn.sk.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [79047] Re: "To sweat or not to....."  
Message-ID: <007401c01990\$0bb0e020\$f888420a@chrish>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain;  
charset="iso-8859-1"

Bruce,

I tried the the earbud thing. And I don't care for them. All you are doing is trading a sweaty ear for an irritated ear. I do use a set of the small earphones (not sure what they are actually called) that you get with something like a WalkMan. They have a foam covering that rests against your ear and do not cover your ear. They work pretty good. And when I get tired of wearing them I switch over to a set of amplified speakers. The speakers only work when you are in a quiet area. The only good thing about the traditional earphones is that they help block out the background noise.

73

KG4HMN - Chris Heiert

kg4hmn@arrl.net  
FPqrp#65  
<http://w3.one.net/~cjheiert/amateur>

----- Original Message -----

From: "Bruce Rattray" <rattray@gpfn.sk.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, September 07, 2000 8:44 PM  
Subject: "To sweat or not to....."

> Like many of you, I wear headphones when doing my qrp thing....and while  
> they work ok, I am getting tired of the sweaty condition headphones  
> produce....so I guess I now want my cake and eat it too....have any of you  
> qrpers tried a set of "ear buds?"....I see RS has them on sale right now  
> in Canada \$20/\$25 or something thereabouts....any comments pro or con  
> please?.....thank you....  
>  
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
> A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"  
>  
>

-----  
Date: Fri, 8 Sep 2000 08:34:25 EDT  
From: Wb4jjj@aol.com  
To: QRP-L@lehigh.edu  
Subject: [79048] CLUB: NOVA QRP to meet September 9  
Message-ID: <87.666dc9.26ea36d1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

NOVA-QRP, the high-powered low-power group in Northern Virginia will meet tomorrow (September 9, 2000) at Mama's restaurant in Fairfax, Virginia. Mama's opens at 11:30 am and while we don't announce start and end times, some of us will be there at 11:30 and will continue on through the lunch hour. Bring yourselves, spouses (the food is great), any homebrew or kit items you'd like to show off, schematics you're working on or from, pretty good QSL's you've received lately, and your best QRP stories. There'll be no speakers, no set program, no reading of the minutes, no anything but good times and good conversation.

If you have a ham call badge, wear it so we can identify you more readily. And, bring a blank QSL card for the NOVA-QRP collection (The QSL book is our

official membership list).

Directions to Mama's Restaurant: This one is easy to find. First, get to Fairfax Circle. This is a circle at the crossroads of Routes 29, 50 and 237 on the north side of the City of Fairfax, Virginia. This Circle is about five miles west of the Beltway on route 50. Mama's is a block west of the Circle on Route 50, next door to the giant new Harley Davidson dealership and on the same side of the road. You can't miss it. Lots of free parking.

The food is almost worth the trip. Salad bar has dozens of items including two kinds of pizza and a pasta dish or two. Plus homemade crusty bread, etc...

We'll be in one of the bays at the back...and we'll keep an eye out for your arrival.

See you there!

73, Al, WB4JJJ

-----  
Date: Fri, 8 Sep 2000 08:35:04 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <kg4hmn@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [79049] Re: "To sweat or not to....."  
Message-ID: <008301c01991\$39dcd520\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I find that I can't do just one thing.

Sometimes it's an old pair of KOSS Pro-4AAA headsets with an adapter. Other times it's a cheap pair of stereo superlight phones that are 'open air'. And still others it's use the speaker.

I think a lot of the 'listening pleasure' is related to how you feel at the time. And while one physical setup may be technically better at the time, the mood can change and you just don't feel comfortable using it.

The Koss headsets for example are actually excellent, but even when I WANT to use them, I can only use them for a short time. And it's not physical discomfort. I start to feel like I'm 'missing something'

and just need to take them off. Like the phone or the doorbell kind of thing...

Mike

-----  
Date: Fri, 8 Sep 2000 07:57:29 -0500  
From: "Dan W. Dooley" <dandooley@pipeline.com>  
To: "Cla KA0GKC" <ka0gkc@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [79050] Re: HB - regens  
Message-ID: <006201c01994\$5bd34300\$0100a8c0@dandooley>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Now folks, don't jump on me for this. I believe that ham radio is what each of us want it to be, but my idea of a regen still has a large form wound coil with the obligatory three sets of turns. And, preferably the active device(s) are made of glass and get hot and will burn your fingers when touched.

Seriously, there are some very fine modern designs. The one featured in the Sept QST drew my interest and I found myself mulling over the parts list last night. I may start gathering parts. But, I'm a softy for nostalgia and the old designs are infinitely more romantic for me.

So let's not talk about xtals replacing coils in the things, unless we call them something other than regens. I might go pout.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku  
e-mail to: dandooley@pipeline.com  
SOC #198, FPQRP # -104  
May Goddes love blest ye alle  
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----  
From: "Cla KA0GKC" <ka0gkc@arrl.net>  
To: "Dan W. Dooley" <dandooley@pipeline.com>; "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>



Sent: Thursday, September 07, 2000 4:09 PM  
Subject: Re: HB - regens

>  
> ----- Original Message -----  
> From: "Dan W. Dooley" <dandooley@pipeline.com>  
>  
> | Don't you need a feedback path for a regen to regen? Thus the tickler  
coil.  
> | That would rule out the xtal idea, methinks.....  
>  
> Maybe, but a xtal oscillator requires feedback as well and I would think a  
> crystal should be able to replace the coil and cap portion and another  
> controllable feedback system could be used.  
>  
> Food for thought, but if it would work might make an interesting receiver  
> project.  
>  
> 73 de Cla KA0GKC  
>  
>

-----  
Date: Fri, 8 Sep 2000 13:56:39 +0100  
From: Vic Winton <Vic.Winton@trafford-press.com>  
To: "'myetsko@insydesw.com'" <myetsko@insydesw.com>, Low Power Amateur Radio  
Discussion <qrp-l@lehigh.edu>  
Subject: [79051] RE: "To sweat or not to....."  
Message-ID: <C94AC5B1B413D411ABDC009027177A641C44@trafford01.trafford-press.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

The Koss headsets for example are actually excellent, but even  
when I WANT to use them, I can only use them for a short time. And  
it's not physical discomfort. I start to feel like I'm 'missing  
something'  
and just need to take them off. Like the phone or the doorbell kind  
of thing...

Mike

Or the sweet voice of the xyl ??

Regards,

Vic Winton GW4JUN

-----  
Date: Fri, 8 Sep 2000 09:10:59 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Vic Winton" <Vic.Winton@trafford-press.com>, "QRP Mail List" <qrp-1@Lehigh.EDU>  
Subject: [79052] Re: "To sweat or not to....."  
Message-ID: <00b501c01996\$3eeecc80\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm divorced....

Actually, I was more into HF before I met my wife. Then got mostly out of it. Separated 3 years ago. Just got back into HF this year when I bought a K2.

Mike

> Or the sweet voice of the xyl ??  
>  
> Regards,  
>  
> Vic Winton GW4JUN  
>

-----  
Date: Fri, 08 Sep 2000 09:11:33 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-1 <qrp-1@Lehigh.EDU>  
Subject: [79053] Re: HB - regens  
Message-ID: <006701c01996\$4fbbf240\$2d0a05cc@rochester.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

> Now folks, don't jump on me for this. I believe that ham radio is what

each

> of us want it to be, but my idea of a regen still has a large form wound  
> coil with the obligatory three sets of turns. And, preferably the active  
> device(s) are made of glass and get hot and will burn your fingers when  
> touched.

Dan,

But you forgot the most important characteristic: "Real radios glow in the dark."

> Seriously, there are some very fine modern designs. The one featured in  
the  
> Sept QST drew my interest and I found myself mulling over the parts list  
> last night. I may start gathering parts. But, I'm a softy for nostalgia  
> and the old designs are infinitely more romantic for me.  
>  
> So let's not talk about xtals replacing coils in the things, unless we  
call  
> them something other than regens. I might go pout.

How about something like a "feedback crystal TRF" receiver? (Ow! It hurt to say all that.)

Dave

-----  
Date: Fri, 08 Sep 2000 09:20:50 -0500  
From: "Randy Randall" <RANDALLR@Healthall.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [79054] Re: LED tipped pen, or lighted pen  
Message-ID: <s9b8af8a.079@healthall.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable  
Content-Disposition: inline

The kid said that she got it at WalMart about 3 months ago. I guess try = the toy section.

Randy

>>> Randy & Cara Randall <crrandal@seidata.com> 09/07 10:44 PM >>>

My kid has one of these. I am not sure where she got it, but it was sold =  
as a  
toy pen. It is not a bad pen either. VERY, VERY bright blue LED powered =  
by 3  
Eveready A76 coin cells. I'll ask her where she got it tomorrow. It has =  
little  
kids stuff silk screened on it, but I bet it is many \$\$\$ cheaper than the =  
supply  
houses.

73,  
Randy.

Stuart Rohre wrote:

> Gang,  
>  
> I sent Joe a reply, but maybe there is real interest out there. These =  
pens  
> are commonly available from Fire and Police supplies stores. There are  
> local ones that sometimes want you to have a badge to enter, for they =  
sell  
> stuff like tear gas and larger pistol clips. But, there are Fire and =  
Safety  
> supply companies on the web that will gladly take your money for a pen.  
>  
> Just search for fire dept. supplies, or badges, or such public safety =  
gear  
> related keywords from <google.com>. I have not bookmarked any, for I =  
got my  
> pen like this when my son entered the Police Dept. and we went to outfit =  
him  
> at the local police supply house. But, I have seen them in catalogs =  
down at  
> he volunteer fire dept. They are not cheap, seems mine cost about \$15 =  
in  
> TX.  
>  
> Don' know what the catalog stores might charge. Another place to check =  
as  
> someone said is telescope supply houses. Another might be larger =  
camping  
> gear stores. Another idea is to go to a large newstand and look for  
> "Firehouse" magazine. I used to get that and there were ads from such  
> supply places in there.  
>  
> GL and 72,  
> Stuart K5KVH

--

"...Life is not tried, it's just merely survived if you're standing =  
outside the  
fire..." Garth Brooks

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<http://www.countrytouches.com>=20

-----

Date: Fri, 8 Sep 2000 09:24:13 -0400

From: "George Heron N2APB" <n2apb@erols.com>

To: "QRP-L" <qrp-l@lehigh.edu>, "NJQRP" <NJQRP@njqrp.org>

Subject: [79055] SMK-1 Enclosure shipping status

Message-ID: <000b01c01998\$16758da0\$84ca9cce@gheron>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Well ...

Yet another 100 sets of 8 precision-cut pc board pieces have been  
fabricated;

Bulk orders from 4 different manufacturers have been ordered, received and  
inventoried;

Instruction manual reprints have been received from the printer;

100 stamps have been purchased from the Post Office;

All order addresses have been entered into the computer and mailing labels  
have been printed;

100 more return address labels have been printed;

All parts have been sorted into individual plastic bags; and almost lastly

...

The bags have been sealed.

Whew!!

All that's left is the combination of labels, stamps, manuals and parts bags  
into the 100 envelopes this weekend.

The SMK-1 Enclosure Kits will be shipping this coming Monday 9/11.

Thank you, everyone, for your orders and patience for volunteer club  
activities like this. The interest in NorCal's nifty little SMK-1 surface  
mount transceiver is truly amazing; and the NJQRP Club is happy to be able

to continue supplying a great deal in this mating homebrew enclosure kit as long as there is interest. Thank you!

73, George N2APB  
n2apb@amsat.org  
for the NJQRP Club at <http://www.njqrp.org>

=====

Has anyone ordered the SMK-1 enclosure kit from George Heron N2APB lately? I ordered one about three or four weeks ago and I am still waiting for it. Is there a part shortage for the kit or are they in stock?

Glenn WA7SPY

-----

Date: Fri, 8 Sep 2000 09:24:43 -0400  
From: "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [79056] RE: End Fire Connection point question  
Message-ID: <95CB658F8515D211B84B00805FA72866033242E1@atlexc02ntms.hboc.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="windows-1252"

Levent,

The world should be hearing with your QRO power 8-). Spend more time answering a CQ than trying to raise someone with a CQ. If you can hear them, you should be able to work them.

Jerry]  
W3CDE

-----Original Message-----  
From: Levent Sasmazel [mailto:levent@netlabs.net]  
Sent: Thursday, September 07, 2000 9:40 PM  
To: Low Power Amateur Radio Discussion  
Subject: End Fire Connection point question

Hi Again,

First of all thanks all the responders about my QRP Antenna question.  
Now I do have one more.

I am using a US made Red Hot 20 and according to MFJ 941D it is putting 6.5 7 watt. And I do have a end fire dipole I am not sure about the length but it is between 30-40 foot. This antenna is directly connected to my tuner (There is no coax. Same wire coming in from my window (with the 90 degree down turn) and connecting to my tuner and cable connected to WIRE port) I can tune this antenna on the 14000 14100 KHz with 1.2:1 SWR. I can hear all the stations but my CQs are not going anywhere (My be my 5 WPM is not powerful enough).

Any Idea ? I know that end fire antenna shows very high impedance do I need to do anything special on the connection?

Thanks again and 73s  
Levent KC2CNY

-----  
Date: Fri, 8 Sep 2000 09:41:03 -0400  
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [79057] antenna discovery  
Message-ID: <v03110709b5de9c414044@[132.235.81.133]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi all,

Ham radio is such a great hobby, you just never stop learning and enjoying the fascination that comes with it. Sometimes the learning comes with a lot of trips up the ol' antenna tower...

Take my latest antenna adventure for example. I wanted to get on 40 meters with a better 'tenna for this fall/winter contest season. I have used dipoles, slopers, etc. but they just weren't as effective as I wanted. They had to hang well below my HF tribander, which I'm sure doesn't help. I don't have room for any kind of beam or phased arrays, but I do have space to go up. A quarterwave 40 meter vertical on the top of my 50' tower (with HF beam) should do wonders... So I TIG welded some aluminum tubing together to make a 33' high self-standing 40 meter vertical. I actually made it into 2 sections so it was easy to work with. Diameter starts from 1 1/8" at the bottom, to the top 6 feet which is a very lightweight TV antenna element.

I mounted the antenna in a bracket that insulates it, so I can feed it direct with coax. I couldn't get it to the top of the mast, because of

the 6 meter beam I have there, so I mounted it a few feet from the top. The coax RG 8/U feeds it directly and is grounded at the bracket with the SO-239 connector.

NOW it is education time...

I hooked up some test gear expecting the thing to be right on resonance at 7.1 mhz or so. The resonant frequency of the 33 foot antenna went to 7.5 mhz! I couldn't figure out what had happened; I had double checked every measurement.

To make a long story short, the mast/antenna relationship had become a transmission line, a balanced one consisting of the antenna element and the mast, being in such close proximity of each other; within 3 inches. So the length parallel to the mast was not radiating! The effective height of the antenna was what was above the mast; approximately 31.2 feet.

To test this theory, I moved the antenna up as high on the mast as I could and then checked the resonance frequency; it had gone down to 7.4 mhz. My theory seemed to be true. The only solution was to take the antenna down, add two more feet to it and then see what happens.

Sure enough, after adding two feet to the top, remounting the antenna the resonance freq went down! (Imagine me at the top of the tower, lifting up a 35' antenna into the bracket, which uses two U bolts to attach it to the mast. Then imagine the fun when one of the U bolts broke... but that is another story :) The moment of truth had arrived... what is the resonance freq and SWR? Freq is 7.15 and the SWR is less than 1.2 to 1 across the band, 1:1 at 7.15 mhz.

So lesson learned? A vertical antenna mounted close to a mast actually becomes a balanced transmission line, effectively making the antenna only as long as what is above the mast. So remember this if you are going to make a vertical and save yourself a few trips up the tower!

Antenna works great, worked UU4, F6 on 40meters with no problems. I also feed it on other bands via a tuner. Checked into the WQ1RP 80 meter net last night with 5 watts and got a 579. ( I feed the coax braid on 80 and 160; a gamma match type arrangement to feed the entire tower/antenna)

Here is the ASCII picture; using courier font:

```
      ^
      |
Antenna |
```



```

      |
      |
      | mast
      |
      |
      |--|
      |--| <---bracket
      ^
coax  |
      |
      |/\
      ||
      ||
      ||
      ||
50' tower

```

72 de NS80

-----

Date: Thu, 07 Sep 2000 20:49:36 -0500  
From: Robert McAtee <w5tnj@camalott.com>  
To: qrp-l@Lehigh.EDU  
Subject: [79058] RS freq meter  
Message-ID: <3.0.3.32.20000907204936.007e7a20@mail.camalott.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I used the RS handheld freq counter to align the VFO,(3.9-4.Mhz),and calibrate the 7 Mhz output of a Ten-Tec 1340. It's not the most sensitive counter but can be rigged close nuff to work. Overhaul I think it's a good meter and I own a Simpson and another good counter.

On another subject to the list. I thought the idea of punching the circuit boards and using the punch outs, (like the doughnut holes), to solder, glue to a copper clad board for mounting componants a great idea. OK, so I go to Harbor freight and buy a hand held "power puncher". It lists for \$19+ in the catalog but is/was on sale for \$12+. I tried it on a double sided board about 4.5 by 6 inches I bought at RS. I used the 19/32 punch and got nice round pads. It do take some grunting with the thick RS board. Still I think it was a great idea. Thanks to whom ever posted the idea..... ==Mac== AG5F, Abilene, Tx.

ED Lawson wrote.....

I recently purchase the handheld RS freq. counter (22-306 I think) and it seems to be a good value for the money as it was on sale. However, I am thinking about using it to align QRP rigs, etc. which require it to read LO Osc. freq.

However not sure it is suitable for that purpose in terms of sensitivity and adaptability for using a probe. Does anyone on the list have experience using this or similar units for that purpose? TIA

Ed Lawson  
K1VP  
NH

-----  
Date: Fri, 8 Sep 2000 10:05:58 +0000  
From: John R Kirby <n3aaz-qrp@juno.com>  
To: nskousen@scientech.com, qrp-1@Lehigh.EDU  
Subject: [79059] Radio & Re: OT: Amateur Astronomy  
Message-ID: <20000908.100608.-93265.0.n3aaz-qrp@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Niel and Group,

Topic 1 of 2 :

Depending on your photography set-up . . .  
you may have a "jump" start for Astronomy.

For a 35mm (or larger format) "camera body" that will accept different lenses . . .  
<ritzcamera.com> (and others) offer a 500mm / 1000mm Preset Telephoto lenses ( \$130), combine that with their 2X Tele-Converter (\$80) and you have a "2000mm telescope". You guys and gals that now your "mm-s", know of course that a 50mm lens is considered "standard" and each time you double that 50mm number you double the "magnifying" power of the lens. The "standard" video / cam tripod is NOT "stable" enough for picture taking with 2000mm set-up, you will need a more robust tripod and shutter release cable for "clear" pictures. Bogan makes "good" tripods.

Topic 2 of 2:

Anyone ever try Amateur Radio Astronomy ?

This is FUN too !!

AF9Y (and others) offer "weak" signal software ("go to" GOOGLE) that when combined with a radio, a soundcard and selective antenna (such as that "NearVerticle" configuration discussed here on qrp-l) or Yagi pointed to "zenith" WILL observe (and record) some VERY INTERESTING PHENOMENA. The MS (meteor scatter) folks offer very interesting software too.

Yet another "facet" to this amazing hobby,  
so many "gadgets" and so little time.

Speaking of time,  
did you know that

"time flies like an arrow but fruit flies like a banana"

John  
N3AAZ  
FM19xa

---

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<http://dl.www.juno.com/get/tagj>.

-----

Date: Fri, 8 Sep 2000 08:32:01 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: QRP-L List <qrp-l@lehigh.edu>  
Subject: [79060] Summer Hunt web page  
Message-ID: <Pine.LNX.4.10.10009080827310.1092-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

To the webmaster of the Summer Hunt web page. Please attach your wonderful fox.jpg to me so I can use your web page I stole with Netscape. In my humble way I want to make a Slow Winter Hunt web page. My thoughts are that it should look about like the current web site.

I will announce the web site when it's ready, in about a week or two.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Fri, 8 Sep 2000 11:10:23 -0400  
From: Bill Coleman AA4LR <aa4lr@radio.org>  
To: <py2one@uol.com.br>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [79061] Re: R-7000 Vertical or Dipole  
Message-ID: <1000808111022.LAA16594@gate.iterated.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 9/7/00 5:10 PM, Renato Meneghim de Freitas at py2one@uol.com.br wrote:

>Over a 20 floor building which antenna work best for 40m DX? R7000 or a  
>Dipole?

That's a great question -- the answer is 'it depends'.

>My real question is ... where is a real ground for a dipole or a yagi over a  
>high building? The ground is the top of the building or the earthy?

It depends on the RF conductivity of the building. This is solely dependant on the materials used in its construction.

In any case, if the building roof is small relative to the wavelength, then the effects are much like that of placing an antenna on a bluff mountain peak. Some operators use sophisticated terrain analysis to determine the optimum placement of such antennas. In short, mounting an antenna a little ways above a tall building is effectively much like placing it much higher over plain earth. Antennas generally see lower angles of radiation than when placed similar heights above ground.

The tricky part is the composition of the building. If the building has a general conductivity similar to earth (eg poor), then it acts much like a earthy peak. But if there are conducting materials near the antenna (eg like metal roof flashing), they tend to act as part of the antenna and change the pattern.

So, back to your original question, if there are no conductive elements in the upper parts of the building, then either a dipole or the vertical should do well. If there are conductive elements in the building top, then the vertical might be preferred for DX, since those conductive elements will tend to raise the angle of radiation on the dipole.

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@radio.org  
Quote: "Boot, you transistorized tormentor! Boot!"  
-- Archibald Asparagus, VeggieTales

-----  
Date: Fri, 8 Sep 2000 08:15:25 -0700 (PDT)  
From: ABCQRP <w6abc@yahoo.com>  
To: qrp-1@Lehigh.EDU  
Subject: [79062] PSK-20 Comments (Fun Radio)  
Message-ID: <20000908151525.21317.qmail@web2105.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hi,  
I just had to put a note here regarding the fun I've been having using a PSK-20 by Small Wonder Labs. I bought the rig already built from someone selling his here on the list, so I missed out on some of the fun of building it myself. I have put together the DSW-20 and DSW-40, so I know how nicely the SWL kits go together. I must comment on how easy it is to use and it is great having a dedicated rig always set up and ready to go on PSK-31. Over the past week I've worked stations in Japan, Guam, Alaska and many QSO's across the CONUS. Small Wonder has a real winner here. Running about 2 watts output, according to my WM-2, I get great reports and the other Op's are amazed at the quality and readability of the QRP signal. The interface with Digipan is outstanding. I have no affiliation with Small Wonder, other than being a customer. Just thought I'd throw my 2 cents in, just in case anyone was thinking about buying one of these rigs.

-----  
Do You Yahoo!?  
Yahoo! Mail - Free email you can access from anywhere!  
<http://mail.yahoo.com/>  
-----

Date: Fri, 8 Sep 2000 11:21:52 -0700  
From: "Dave Benson" <nn1g@earthlink.net>  
To: <w6abc@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [79063] Re: PSK-20 Comments (Fun Radio)  
Message-ID: <003601c019c1\$b0cd4900\$c99b2a3f@pavilion>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks, OM- much appreciated!

73- Dave, NN1G  
Small Wonder Labs

-----Original Message-----

From: ABCQRP <w6abc@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Friday, September 08, 2000 8:16 AM  
Subject: PSK-20 Comments (Fun Radio)

>Hi,  
>I just had to put a note here regarding the fun I've  
>been having using a PSK-20 by Small Wonder Labs. I  
>bought the rig already built from someone selling his  
>here on the list, so I missed out on some of the fun  
>of building it myself. I have put together the DSW-20  
>and DSW-40, so I know how nicely the SWL kits go  
>together. I must comment on how easy it is to use and  
>it is great having a dedicated rig always set up and  
>ready to go on PSK-31. Over the past week I've worked  
>stations in Japan, Guam, Alaska and many QSO's across  
>the CONUS. Small Wonder has a real winner here.  
>Running about 2 watts output, according to my WM-2, I  
>get great reports and the other Op's are amazed at the  
>quality and readability of the QRP signal. The  
>interface with Digipan is outstanding. I have no  
>affiliation with Small Wonder, other than being a  
>customer. Just thought I'd throw my 2 cents in, just  
>in case anyone was thinking about buying one of these  
>rigs.  
>  
>-----  
>Do You Yahoo!?  
>Yahoo! Mail - Free email you can access from anywhere!  
><http://mail.yahoo.com/>  
>

-----  
Date: Fri, 08 Sep 2000 10:26:38 -0500

From: Vance Huntsinger <vhuntsinger@iwic.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [79064] Re: "To sweat or not to....."  
Message-ID: <4.2.0.58.20000908100626.009ea340@mail.iwic.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:35 AM 9/8/2000 -0400, Mike Yetzko wrote:

>I start to feel like I'm 'missing  
>something'  
>and just need to take them off. Like the phone or the doorbell kind  
>of thing...

In my case, that is sometimes a good reason to leave them on. <g> I used to use a cheap walkman foam-pad pair of headphones, but found that, in outdoor use especially, they allowed too much ambient noise to intrude. Tried the buds, too, but found them uncomfortable. I then pulled out my 30-yr old pair of Superex phones (remember them?) and replaced the 1/4" plug with a 1/8" plug. They worked fine and really shut out the ambient noise. However, they are heavy by today's standards, and get really hot after a short time. My wife, bless her, gave me a little gift of a Warren Gregoire headphone kit. It went together easily, and I really like them. Yes, they eventually get a little hot but they're lightweight, sensitive, and effective against outside noise. One drawback is that they probably are too big for backpacking, although I would be very tempted to take them. I didn't attach the included boom mic, because I have a Kenwood mic that works fine with my K2. Has anyone on the reflector wired the Gregoire boom mic for use with the K2? It appeared to me that it might require a preamp and the wiring configuration would not be compatible with the Kenwood mic.

I have no pecuniary interest in Kenwood, Elecraft, Warren Gregoire, or Superex, but I am very happy with the Gregoire "cans."

Vance Huntsinger - WA9YDJ  
Libertyville, IL

-----

Date: Fri, 8 Sep 2000 08:38:43 -0700 (PDT)  
From: ABCQRP <w6abc@yahoo.com>  
To: qrp-1@Lehigh.EDU  
Subject: [79065] PSK-20 Forgot to sign my posting!  
Message-ID: <20000908153843.1882.qmail@web2102.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Just realized I didn't sign my post about the  
PSK-20.....(need a second cup of coffee I guess!)

Jack - W6ABC in Oakland, CA

QRP1 #2193

K2 #322

-----  
Do You Yahoo!?

Yahoo! Mail - Free email you can access from anywhere!

<http://mail.yahoo.com/>

-----  
Date: Fri, 8 Sep 2000 11:48:43 -0400

From: "Bruce & Tosh Hopkins" <makai@grouper.batelnet.bs>

To: <qrp-1@Lehigh.EDU>

Subject: [79066] PSK-31

Message-ID: <003801c019ac\$68068160\$a00030ce@makai>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Gang...

Over the next few days I am sure that you all will be seeing a lot of posts from folks on the group that have already joined the PSK-31 revolution and participated in this coming weekends QRP PSK-31 Sprint... I hope that all of our PSK/QRP group here on the list will come out and participate in this event... I will be there for the entire event handing out the Bahama Islands multiplier...

For those of you that have not tried this mode yet, I am putting together a new page on my website to help you get your feet wet... So if you have a rig capable of SSB and a computer with a soundcard, drop on by and I'll show you how to build a minimum cost interface and where to get the free software... I should have this page fleshed out by the beginning of the week...

Come on in, the water is fine... I would also welcome contributions on this subject and will gladly put them up on the page... Take care and have fun... See you all tomorrow SAT 10 Aug 00, 2000z - 2400z on 20M...

72 - Bruce - KL7H/C6A

<http://www.qsl.net/kl7h>

Contest Info:



End of Summer PSK-31 Sprint \*\*\* QRP Contest \*\*\*

Sep 10 - 2000z to 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/psk31.htm>

-----  
Date: Fri, 8 Sep 2000 11:47:33 -0400  
From: "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>  
To: "'v huntsinger@iwic.net'" <v huntsinger@iwic.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [79067] RE: "To sweat or not to....."  
Message-ID: <95CB658F8515D211B84B00805FA72866033242E5@atlexc02ntms.hboc.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="windows-1252"

What's a microphone??? 8-)

Jerry  
W3CDE

-----Original Message-----  
From: Vance Huntsinger [mailto:v huntsinger@iwic.net]  
Sent: Friday, September 08, 2000 11:27 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: "To sweat or not to....."

At 08:35 AM 9/8/2000 -0400, Mike Yetzko wrote:

>I start to feel like I'm 'missing  
>something'  
>and just need to take them off. Like the phone or the doorbell kind  
>of thing...

In my case, that is sometimes a good reason to leave them on. <g> I used to use a cheap walkman foam-pad pair of headphones, but found that, in outdoor use especially, they allowed too much ambient noise to intrude. Tried the buds, too, but found them uncomfortable. I then pulled out my 30-yr old pair of Superex phones (remember them?) and replaced the 1/4" plug with a 1/8" plug. They worked fine and really shut out the ambient noise. However, they are heavy by today's standards, and get really hot after a short time. My wife, bless her, gave me a little gift of a Warren Gregoire headphone

kit. It went together easily, and I really like them. Yes, they eventually get a little hot but they're lightweight, sensitive, and effective against outside noise. One drawback is that they probably are too big for backpacking, although I would be very tempted to take them. I didn't attach the included boom mic, because I have a Kenwood mic that works fine with my K2. Has anyone on the reflector wired the Gregoire boom mic for use with the K2? It appeared to me that it might require a preamp and the wiring configuration would not be compatible with the Kenwood mic.

I have no pecuniary interest in Kenwood, Elecraft, Warren Gregoire, or Superex, but I am very happy with the Gregoire "cans."

Vance Huntsinger - WA9YDJ  
Libertyville, IL

-----  
Date: Fri, 08 Sep 2000 11:08:13 -0500  
From: Richard Matthews <prm@hiwaay.net>  
To: w6abc@yahoo.com, qrp-l@lehigh.edu  
Subject: [79068] Re: PSK-20 Comments (Fun Radio)  
Message-ID: <3.0.1.32.20000908110813.009f3960@hiwaay.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 08:15 AM 9/8/00 -0700, you wrote:

>I just had to put a note here regarding the fun I've  
>been having using a PSK-20 by Small Wonder Labs.  
.....

Dittos, I got back active in ham radio and into QRP last Fall by buying one of Dave's DSW-40's. I was so well pleased with it I bought a DSW-30. I've not had a minutes trouble with either rig. They were a joy and easy to build and operate.

Probably this winter, I will order and build the PSK-20 and get in on some of the digi fun. I've written the list several times and expressed my good experiences with Small Wonder Labs and no I'm not connected with the operation in any way, other than I feel like Dave is a good ham friend, even though I have never met him.

Small Wonder Labs is a bright spot amongst ham radio QRP companies.

On another QRP subject, following another list member's advice, I just got back from Home Depot and Radio Shack with two compartmented storage boxes and an assortment of capacitors and resistors . . . . I'm adding to my

puny component junk box and getting ready for some long winter's nights projects. Thanks Bruce for urging me on.

I'm celebrating my 38th year as a licensed ham this year and even though I've picked up and put away the hobby several times through the years, it is good to know I'll be able to take it into retirement with me in a few more years and still enjoy it along with other important things in my life. Since getting into QRP and joining this list, I've built more projects in the last year than ever in my long ham existence.

On-line QRP clubs like NORCAL, NJQRP, and NORGQRP have really added to the fun of this hobby for me. Those kits they offer ought to have more hams into the solder melting mood. Being able to get on this list and get help solving all sorts of ham related problems is a real blessing.

Yeah, there's squabbling, but I've never been involved in anything where there wasn't some neither.

Richard WA4NWW . . . now if I can just get my new fangled eye glasses focused so I can read these tiny capacitor numbers :-P

-----

Date: Fri, 8 Sep 2000 09:32:09 -0700

From: Radman <radman@best.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, "'Bruce Ratray'" <rattrey@gpfn.sk.ca>

Subject: [79069] RE: "To sweat or not to....."

Message-ID: <01C01978.0B063520@radman.vip.best.com>

Hi Bruce & gang,

Regarding 'buds' - I personally don't like using them. They offer good sonic performance, but they irritate my ears and are fatiguing for extended operating time. I'd only recommend them for extreme backpacking for use with rigs in the weight-class of the SST, etc.

I'd recommend \*better\* headphones, rather than going to 'buds' if you're seeking greater comfort and top performance. I own several sets, but my top two picks are the Heil Pro Set - from Heil Sound Ltd, and the RS Optimus PRO-50MX - from Radio Shack, but made by Koss. Both of these are 'boom sets' and have the mic wand attached, which can be rotated out of the way if you're not operating SSB. If you subscribe to 'CQ-Contest,' you'll find these two sets often recommended for the guys/gals who operate multi-multi contest stations for \*many\* hours at a stretch.

Cost-wise the Heil product is around ~ \$US130 and the RS/Koss set is ~ US\$50 but it often goes on sale for around ~ US\$30. I believe you'll enjoy

either of these sets - and I've used a bunch of them. My top pick is the Heil Pro Set. URL: <http://www.heilsound.com/>

And believe it or not, but you can own a 'boom set' and use it only for CW ;)

I've gotta get back to Field Testing this new Elecraft K1... (yes, I'm using the Heil for testing.)

GL es 72,

Conrad Weiss - NN6CW - not related to Elecraft, Radio Shack, Heil Sound, Koss or Optimus.

-----  
From: Bruce Rattray[SMTP:rattray@gpfn.sk.ca]  
Sent: Thursday, September 07, 2000 11:41 AM  
To: Low Power Amateur Radio Discussion  
Subject: "To sweat or not to....."

Like many of you, I wear headphones when doing my qrp thing....and while they work ok, I am getting tired of the sweaty condition headphones produce....so I guess I now want my cake and eat it too....have any of you qrpers tried a set of "ear buds?"....I see RS has them on sale right now in Canada \$20/\$25 or something thereabouts....any commentsproor con please?.....thank you....

..72/73 - Bruce (VE5RC+VE5QRP)

-----  
Date: Fri, 8 Sep 2000 12:32:37 EDT  
From: BruceAA5B@aol.com  
To: qrp-l@lehigh.edu  
Subject: [79070] Special station K6F  
Message-ID: <a2.9413ea1.26ea6ea5@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I'll be operating special event station K6F in Gallup, New Mexico on Friday night and early Saturday morning using low power (5-20 watts, depending on condx). Check out the web pages at [www.QSL.net/nadxa/route66/rt66.htm](http://www.QSL.net/nadxa/route66/rt66.htm)  
or

<http://K6F.homestead.com/>  
for details; this is in celebration of the history behind Route 66.

Hope to see many of you on or around the QRP frequencies.

-Bruce AA5B

-----  
Date: Fri, 8 Sep 2000 09:39:05 -0700 (PDT)  
From: ABCQRP <w6abc@yahoo.com>  
To: qrp-l@Lehigh.EDU  
Subject: [79071] RS Small Communications Speaker  
Message-ID: <20000908163905.11503.qmail@web2102.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I saw Mike's posting about the RS \$14.99  
Communications Speaker and thought I'd go and pick one  
up. It is a tiny little item that pairs well with my  
DSW-20 here at the QTH. With all the talk of  
sweaty-ears ;) it's nice to use this little speaker  
and it sounds good with the DSW for CW. Also, the  
size is great (very small) to tote with you and any  
equally small rig when on the road. No RS  
affiliation, just a comment on this item and for 15  
bucks a pretty good value.  
72,  
Jack

-----  
Do You Yahoo!?  
Yahoo! Mail - Free email you can access from anywhere!  
<http://mail.yahoo.com/>

-----  
Date: Fri, 8 Sep 2000 10:51:35 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-l@lehigh.edu, cqclist@cqc.org  
Subject: [79072] CQC Meeting and 2nd Run for Trees Tomorrow  
Message-ID: <39B8C4B7.9847.1C1A15@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

The Colorado QRP Club's September meeting will start tomorrow at 10AM  
at Bonfils. Directions are on the web site, or call 303-366-3114.

The meeting will feature a program is on small loop antennas, and after lunch we will have a Re-run for the trees.

Those who can't attend are invited to listen for the Run stations, starting around 1pm on the usual QRP frequencies. Listen for weak signals calling CQ, or CQ RFT, etc.

Marshall Emm, N1FN  
Milestone Technologies, Inc.  
(303) 752-3382  
<http://www.mtechnologies.com>

-----  
Date: Fri, 8 Sep 2000 09:54:32 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [79073] Re: "To sweat or not to....."  
Message-ID: <Pine.GS0.4.10.10009080921540.19056-1000000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Folks,

I started out in ham radio using the old cans that had bakelite (?) ear pieces that unscrewed to allow access to the magnet and steel plate that did the moving. We used to cut a little "tab" in the center of the plate to improve the frequency response of the phones. If you were lucky, you would get it peaked right around 700-800 cycles!

But I was young then and didn't realize just how uncomfortable they really were!

Then came the years of using the war surplus cans. Many of these were padded and I LOVED them. How many remember those cords??? They were like string with some kind of copier "stuff" wrapped around them. Just about impossible to solder anything to!

Now you know why the old phone plugs had screw connections instead of just a hole to solder a wire to! :-)

Since then I've used more kinds of ear phones than I can count!

I have three now that I like. One is an "over the ear" style that I got in a junk box a number of years ago. Not anything to brag about but they really cut out all the outside noise. This is great for weak sig work. When I'm busy on the radio I could care less about the phone or door. If someone calls I'll look at their number on the caller ID and return it. (If someone calls with that turned off I don't answer it anyway!) If someone comes over, if it's a friend they will just come in and holler and if it's a salesman I don't want to talk to them anyway.

The next one is the Kenwood set that is VERY comfortable. Soft padding and light and stereo. This is really great for rigs like the FT-1000MP. I like putting the TX freq in one ear and the RX freq in the other. Makes pile up tracking easier. You can hear all the outside noise through them.

The ones I use most are the wireless ones I bought a year or two ago. Not having a silly wire running from my head to a radio is GREAT!!! They are not as comfortable as the Kenwood ones but I have still done many 48 hour contests with them without any trouble. And I don't jerk my head around and pull the rig off the table when I jump up and walk around! Great for making a trip to the bathroom while calling CQ.....or that fast trip to the fridge!

These are RF, not infered. I have listened to the RX while 200' away at the base of the tower adjusting the matching network for the antenna! :-) I could also go into the house and still listen to a DX station, waiting for the condx to improve so I could jump into the fray! :-)

I can't stand ear buds.

Oh, I guess I should also mention.....I have a set of Telex mono phones with a boom mic that I used for the hand full of SSB contacts I made with the 1000MP. But they are with the 1000MP at K5RC's shack in case they are needed there during any of the multi-multi efforts.

I have yet to see if my FT-100 even works on SSB! :-)

Ear phones are kinda like antennas and radios....and resistors.....and..... you just can't ever have too many nor can you ever have enough! :-)

So pick up all you can (cheaply) because you just never can tell which one might turn out to be that magical set!

And yes, you can tell the XYL that I said to buy more "stuff".....I'll be on the road in a few more days and she won't be able to find me anyway! :-)

OK, back in my hole....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....  
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....  
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

-----  
Date: Fri, 8 Sep 2000 13:01:59 -0400  
From: "Mike Czuhajewski" <wa8mcq@erols.com>  
To: "QRP forum" <qrp-l@lehigh.edu>  
Cc: "Mike Czuhajewski" <wa8mcq@erols.com>  
Subject: [79074] Running the TS-450S at QRP levels  
Message-ID: <000b01c019b6\$80cdf20\$5ab0db26@MCzuhajewski.EVI-INC.COM>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

KA9NZI said he's been running his Kenwood TS-450S at QRP levels by cranking down the front panel controls, and then said--

"But I got to wondering about signal quality/purity. I don't have a spectrograph. Has anyone ever checked out a Kenwood being operated at these low levels?"

Been there, done that, several times over the years with various rigs. The short answer, from what I've seen every time, is "don't worry about it."

People have been asking this question for years, so years ago I checked an Icom 728 (or maybe it was a 725) and it remained clean regardless of power level. There was no noticeable increase in the harmonics as the power went



down. This was done on an IFR service monitor, which didn't have the same resolution as a full blown (and hugely expensive) spectrum analyzer, so there may have been a deviation of a dB or 3.

A few years back I checked my Kenwood TS-670, which is a 10 watt, all mode rig covering 40, 15, 10 and 6 meters (sold in the mid 80's). From full power all the way down to double digit milliwatts, it remained clean. There was some variation as I went down, within a couple of dB--this was on an HP spectrum analyzer with better resolution than the IFR--but the strongest harmonic remained in the mid 50's, ie, around 55 dB below the carrier.

Just a few months ago I checked my Kenwood TS-430S and it remained clean at all power levels from 100 watts down to 5 watts (I didn't bother going any lower), again with a variation of a decibel or two but still considerably better than the current FCC limits..

The thinking behind the concern about a possible increase in harmonics is that as the power is cranked back and the final is drawing less current it's impedance is changing and creating a mismatch between it and the low pass filters. However, on the three units I checked over the years I never saw any significant change in the harmonic levels. And although I only checked a few units by two manufacturers, I would expect that most "big rigs" would behave the same, since they all tend to have the same topology in the area of the final--a pair of big RF transistors operated in push-pull followed by switchable low pass filters.

The bottom line--crank the big rig down to QRP levels and don't worry about increased harmonics.

73 and queue our pea DE WA8MCQ

-----  
Date: Fri, 08 Sep 2000 10:14:56 -0700  
From: Bill Jones <kd7s@psnw.com>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [79075] Re: "To sweat or not to....."  
Message-ID: <39B91E90.2A7D0E3E@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Speaking for myself, I use earbuds almost exclusively. I am hearing impaired and wear two hearing aids so I'm used to having something plugged into the ear canal. Beware, however, that if you get earbuds without a good foam cover they will indeed be quite uncomfortable. But with smooth covers they are

every bit as comfortable as any other set of phones I've used.

For those of you with earbuds that you hate, feel free to look up my mailing address at [www.qrz.com](http://www.qrz.com) and mail them to me. I'll put them to good use.

--

-----  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s/>  
-----

-----  
Date: Fri, 8 Sep 2000 10:46:23 -0700  
From: Bob Nielsen <[nielsen@oz.net](mailto:nielsen@oz.net)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [79076] Re: Running the TS-450S at QRP levels  
Message-ID: <20000908104623.C866@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I was pleasantly surprised to find that my new TS-570D(G) has a power button that brings up a menu which allows you to set the output to between 5 and 100 watts with the turn of a knob in 5 watt steps. It appears to be fairly accurate.

--

Bob Nielsen, N7XY  
Bainbridge Island, WA

[nielsen@oz.net](mailto:nielsen@oz.net)  
<http://www.oz.net/~nielsen>

-----  
Date: Fri, 08 Sep 2000 14:04:10 EDT  
From: [Shephed@aol.com](mailto:Shephed@aol.com)  
To: <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [79077] OT: Flying Pigs Newsletter  
Message-ID: <[f7.2901685.26ea841b@aol.com](mailto:f7.2901685.26ea841b@aol.com)>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hello everyone,  
the first issue of the Flying Pigs QRP Clubs newsletter, (Bacon Bits) is now up on our webpage.

<http://www.mpna.com/fpqrp/news.html>

You don't have to be a member to read it. :-)  
Just click on the link, or right click to save it to your hard drive.

The newsletter is in Adobe PDF format, and a link to the Adobe reader is there as well.

We hope you enjoy it, and if you have anything you would like to have published in our newsletter, please contact me at [n8ie@aol.com](mailto:n8ie@aol.com)

72, 73, oo  
Dan, N8IE  
FPqrp #-6

-----  
Date: Fri, 8 Sep 2000 10:45:03 -0700  
From: "John Moriarity" <k6qq@hdo.net>  
To: <Jerry.Lofstead@hboc.com>, "Low Power Amateur Radio Discussion" <qrpl@Lehigh.EDU>  
Subject: [79078] Re: "To sweat or not to....."  
Message-ID: <00d601c019bf\$f45912a0\$db414cd1@k6qq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> What's a microphone??? 8-)

10^-6 phones (couldn't resist).

72,

John, K6QQ

-----  
Date: Fri, 08 Sep 2000 11:27:22 -0700  
From: "Arthur G. Silvers" <ags@ieee.org>  
To: qrpl@Lehigh.EDU  
Subject: [79079] Re: "To sweat or not to....."  
Message-ID: <39B92F8A.9219F1C0@ieee.org>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For what it's worth, I use a pair of very light weight foldup earphones that I got on sale at RS. They fit comfortably in the outer ear but not like the usual ear buds. Best of all, your ears don't sweat and stay nice and cool. There is no discomfort at all. They are also very sensitive. There is a picture of them at

<http://www.qsl.net/w6ags/BB003.jpg>

Downside is you forget they are there, get up for a break, walk away, and drag your qrp rig behind you. Maybe I shouldn't take so many breaks.

Anyway, I think the RS sells them for about 20 bux but they sometimes go on sale for under 10.

72  
Arth W6AGS

-----  
Date: Fri, 8 Sep 2000 11:54:30 -0700  
From: dave\_epps@juno.com  
To: qrp-l@lehigh.edu  
Subject: [79080] PSK-20 Man Ptt or Dox  
Message-ID: <20000908.120301.-240865.0.Dave\_epps@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

I needed a man PTT for the psk-20 and found that if I used a 9 volt transistor radio battery and fed + to pin 7 and - to pin 5 through a switch it would control the t/r of the transceiver.  
I built the DOX interface by AD6KI as shown in QST Sept 2000 page 68 and drive it from the line-out through a small amplifier (r/s) and this gives t/r control without using a serial port.  
I too am very satisfied with the PSK-20. It is a great kit and is amazing in it's performance.  
dave ab5pc morro bay / fresno, ca.

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.  
-----

Date: Fri, 8 Sep 2000 14:50:59 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [79081] FOX from Celticon  
Message-ID: <019a01c019c6\$564734a0\$010044c0@baycty1.mi.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Well guys, I made a shot at getting Tom/Chuck last Sunday from EI2QRP, thought it would be cool if we could have the conference join in the hunt. But no joy. Never did hear either fox, although occasionally I did catch a glimpse of a hound, but not much more than that. (Pretty weird, actually, with all these strong DL's and OK's searching through the noise for a W!) EI2QRP (actually at EI2MIE) has a pretty impressive antenna collection and we tried several, but the propagation gods just weren't with us.

Still it was fun ... a more complete report on the con to follow.

72/73 de WB8RCR      <http://members.home.com/wb8rcr/index.htm>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Fri, 8 Sep 2000 15:19:36 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <ags@ieee.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [79082] Re: "To sweat or not to....."  
Message-ID: <004e01c019c9\$bcda06e0\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You bring up a good point...

On my Gold Wing, I use a 2.5mm stereo plug and jack. More importantly, I use an INLINE plug and jack set. If I happen to come off the bike, I don't want something connecting my head to the bike that won't pull apart REAL easy.

And with small QRP rigs, which may be worth more than someones head (in some peoples opinion) it would pay to

always make up a short say 8" 'extension cord for the headphones that had an inline jack to mate with an inline plug.

That little bit of aggravation of the headphone coming unplugged at a bad time might be worth it to save a rig from being pulled off a table on the floor...

Mike

> For what it's worth, I use a pair of very light weight foldup earphones  
> that I got on sale at RS. They fit comfortably in the outer ear but not  
> like the usual ear buds. Best of all, your ears don't sweat and stay  
> nice and cool. There is no discomfort at all. They are also very  
> sensitive. There is a picture of them at  
>  
> <http://www.qsl.net/w6ags/BB003.jpg>  
>  
> Downside is you forget they are there, get up for a break, walk away,  
> and drag your qrp rig behind you. Maybe I shouldn't take so many  
breaks.  
>  
> Anyway, I think the RS sells them for about 20 bux but they sometimes  
go  
> on sale for under 10.  
>  
> 72  
> Arth W6AGS

-----  
Date: Fri, 8 Sep 2000 12:38:38 -0700  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [79083] FS: 100-MHz HP 1740 "Single Trace" Scope..  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76634@hq-expo2.filenet.com>

My beloved HP 1740A has had one channel die and I have broken in a suitable replacement, so I would like to offer it for sale for \$50 plus s&h (or we can talk). It is immaculate inside and out -- just the danged "B" channel has gone to heaven. Oh yes, I have the operator's \*and\* tech manual..

..also, I can bring it to Pacificon if you happen to be going..

W. H. Phinizy, K6WHP  
Principal Engineer  
FileNET Corporation

-----  
Date: Fri, 08 Sep 2000 15:17:56 -0500  
From: "Harley L. Miller" <hmliller@sound.net>  
To: QRP-L@LEHIGH.EDU  
Subject: [79084] QST Mar 1948 circuit?  
Message-ID: <39B94974.C573AA34@sound.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have a homebrew gizmo with a dymo tape label indicating it was made from the Mar 1948 QST. Box is about 3x3x10" with a transformer (Stancor P6289S), three octal tube sockets with no tubes or tube designations and a big relay type thing on top. On the front there are two phone jacks labeled "A" and "M". Would someone with a Mar '48 QST look this project up and tell me what it is and what tubes it takes? Thanks in advance.

Harley L. Miller      hmliller@sound.net  
WB0ROQ  
KCMO

-----  
Date: Fri, 08 Sep 2000 13:21:43 -0700  
From: Bob Hightower <nk7m@extremezone.com>  
To: qrp-l@lehigh.edu  
Subject: [79085] Withdrawal  
Message-ID: <200009082015.NAA18471@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Well, the survivors are all making tons of money, and the FOX is back in his lair. Having withdrawal symptoms on Thursday and Sunday. Anyone know when the winter FOX will begin?

Bob Hightower NK7M  
Chandler, AZ  
SOC #20  
K2 #157/255

<http://www.extremezone.com/~nk7m>

-----  
Date: Fri, 8 Sep 2000 17:04:50 -0400  
From: "Ron Polityka" <wb3aal@fast.net>  
To: ". QRP-L" <qrp-l@Lehigh.EDU>, ". NJ QRP-L" <njqrp@njqrp.org>  
Subject: [79086] N2CQ in VA on AT  
Message-ID: <004901c019d8\$70faf860\$b10e5cd1@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello,

I am working Ken on 7.043 @20:58 UTC.

He is trying to work WAS from the Appalachian Trail.

72 & 73  
Good DXing

Ron Polityka  
de WB3AAL  
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv  
                    <http://www.n3epa.org>  
Eastern Pennsylvania QRP Club Call  
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

-----  
Date: Fri, 8 Sep 2000 14:14:35 -0700  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [79087] FS: 100-MHz HP 1740 "Single Trace" Scope..spoken for.  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76638@hq-expo2.filenet.com>



Thanks to all who replied, Bruce, kk7zz, spoke for it first..

Bill, K6WHP

-----  
Date: Fri, 8 Sep 2000 17:37:29 -0400  
From: Craig LaBarge <LaBarge\_C@compuserve.com>  
To: ATRAIL-L Mailing List <atrail-l@lehigh.edu>  
Cc: EPA QRP List <epaqrp-l@lehigh.edu>, QRP-L Mailing List <qrp-l@lehigh.edu>  
Subject: [79088] AT Activation - PA/MD Border (Take 2)  
Message-ID: <200009081737\_MC2-B2AA-CD79@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
                charset=ISO-8859-1  
Content-Disposition: inline

On Sunday, September 10th, I will again attempt to operate on the Appalachian Trail at the Mason-Dixon Line. My operating times are approximate, but I hope to be on the air from about 1400Z until at least 1800Z. I will be operating primarily on 40 meters (7.040 +/-) but will check out 20 meters (14.060 +/-) from time to time if activity is slow on=

40. If I can't find a suitable location right on the PA/MD border, I'll operate from the Maryland side.

This could be an opportunity for those chasing Trail awards to pick up two states with one QSO. For more information on the Appalachian Trail Awards= program sponsored by the EPA-QRP Club, visit:

<http://www.n3epa.org>

Unlike last weekend, the weather forecast for this weekend looks great (so far). Hope to hear you from the Trail.

73, Craig WB3GCK

wb3gck@arrl.net  
<http://www.qsl.net/wb3gck>

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Date: Fri, 8 Sep 2000 17:58:17 -0400  
From: "Nick Yokanovich" <k3ny@toad.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [79089] Re: LED tipped pen, or lighted pen  
Message-ID: <002701c019df\$e65e1220\$52bd21a2@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I bought one at Target three weeks ago. Look in the pens/pencils section for the Nite Companion. It cost 3.99 and came with two sets of LR44 batteries (four total) and a spare ink refill. It has a green LED, but package says it is also available with a red light. This model has a rotary switch (on the end where the retractor button normally lives). A push-button model is also said to be available. This item is made in Korea and distributed by A&W Products Co., Inc., 14 Gardner Street, Port Jervis, NY 12771-0135. Same item was available in Rite-Aid here in MD but their price was \$6.99. The light certainly is enough to make your night notes and log entries, or to find a keyhole in the dark.

I have no connection at all with any of the companies mentioned above.

Nick K3NY

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Date: Fri, 8 Sep 2000 18:14:13 -0400  
From: wb2vuo@juno.com  
To: qrp-l@lehigh.edu  
Subject: [79090] Re: OT: Amateur Astronomy  
Message-ID: <20000908.182008.-218269.0.wb2vuo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have several mid-50's astronomy texts that I have collected, and in Zim's "Golden Book of Astronomy" and a handbook from Pinnacle Press, they both list "equatorial" and "polar" mounts as mounts that track the motion of the sky accurately.

I always thought the terms were interchangeable.

My polar-mounted 2-meter beam allowed me to listen to the ARRL EME Contest one year, far from QRP, but a real blast.

OBQRP: I read that W5GN has heard echoes from the moon with less than 5 watts with his RGA (Really BIG Antenna)

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY Section

My night light runs more power than my Rig!!!

Replies - <mailto:wb2vuo@arrl.net>

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Date: Fri, 8 Sep 2000 18:34:18 -0400

From: "Joe Everhart" <n2cx@voicenet.com>

To: "qrp1" <qrp-1@lehigh.edu>

Subject: [79091] Re: LED Tipped pend, etc.

Message-ID: <000f01c019e4\$edc32140\$ed5547d1@JoeEverhart>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Geoup,

Wow what a bunch of replies. No need to repeat them 'cuz most were on qrp-1. I'm off looking this weekend to see if I can find one locally.

So far the "ordinary" discount chains and office supply stores have turned up LED penless, and so have one camp supply store and even Spencer's Gifts. But you oughta see the look on a gum-snapping 17 year old gal clerk's face when you tell them you are looking for one of these beasties!

Vacant is too weak a word...

I \*did\* find a number of sources on the web using "lighted pen" on GOOGLE. And a bunch of adds for stables, too! Alas the web route likely will not get me one in time for QTTF next weekend.

72/73,

Joe E., N2CX

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End of QRP-L Digest 1938

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